

FILE NOTATIONS

Entered in NID File	Checked by Chief 3
Location Map Pinned	Approval Letter
Card Indexed	Disapproval Letter

COMPLETION DATA:

Date Well Completed <i>9-21-76</i>	Location Inspected
OW:::: WW:✓:: TA::::	Bond released
GW:::: OS:::: PA::::	State or Fee Land

LOGS FILED

Driller's Log...✓.....

Electric Logs (No.) ✓.....

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....



BURTON/HAWKS, INC.

First National Bank Building
P. O. Box 359
Casper, Wyoming 82602
307/234/1593

7-POINT PROGRAM

APRIL 7, 1976

MR. ED GYNN
U. S. GEOLOGICAL SURVEY
8416 FEDERAL BUILDING
125 SOUTH STATE STREET
SALT LAKE CITY, UTAH, 84111

RE: BURTON/HAWKS, INC.
GRASSY HOLLOW FEDERAL #28-1
SW $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 28, T6S-R7W

✓ BURTON/HAWKS, INC.
LEFT FORK ANTELOPE CANYON
FEDERAL #23-1
NE $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 23, T6S-R4W

BURTON/HAWKS, INC.
WIRE FENCE CANYON FEDERAL #15-1
NE $\frac{1}{4}$ NW $\frac{1}{4}$ SEC. 15, T6S-R5W

ALL IN DUCHESNE COUNTY, UTAH

BURTON/HAWKS, INC.
NUTTERS RIDGE FEDERAL #5-1
SW $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 5, T6W-R4W

BURTON/HAWKS, INC.
RIGHT FORK ANTELOPE CANYON
FEDERAL #25-1
NW $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 25, T6S-R5W

7-POINT WELL CONTROL PLAN
McGEE DRILLING COMPANY

1. SURFACE CASINGS: #28-1 - 200' OF 8-5/8" USED
#5-1 - 200' OF 8-5/8" USED
#23-1 - 200' OF 8-5/8" USED
#25-1 - 200' OF 8-5/8" USED
#15-1 - 200' OF 8-5/8" USED
2. 8", 900 SERIES CASINGHEADS, FLANGES, AND SPOOLS; 3000# WORKING PRESSURE;
6000# TEST.
3. INTERMEDIATE CASING: NONE
4. BLOWOUT PREVENTOR: SHAFFER 8", 3 $\frac{1}{2}$ " DRILL PIPE RAMS. ONE 2" FILL LINE.
ONE 2" KILL LINE, NO CHOKE LINE.

7-POINT WELL CONTROL PLAN
PAGE 2

5. AUXILIARY EQUIPMENT:

- (A) ONE KELLY COCK
- (B) 4½" REGULAR FLOAT AT BIT.
- (C) MONITORING SYSTEM; VISUAL
- (D) 3½" IF SUB ON FLOOR WITH FULL OPENING VALVE TO BE STABBED INTO
DRILL PIPE WHEN THE KELLY IS NOT IN THE STRING.

6. ANTICIPATED BHP AT TOTAL DEPTH :

#28-1	TD 3800'	BHP 1267#
#5-1	TD 7000'	BHP 2333#
#23-1	TD 5600'	BHP 1867#
#25-1	TD 5600'	BHP 1867#
#15-1	TD 5900'	BHP 1967#

7. DRILLING FLUID: WATER BASE MUD, GEL-CHEMICAL.

YOURS VERY TRULY,

BURTON/HAWKS, INC.

R. E. Wellborn
R. E. WELLBORN
EXPLORATION MANAGER



First National Bank Building
P. O. Box 359
Casper, Wyoming 82602
307/234/1593

APRIL 6, 1976

OPERATING PLAN

DUCHESNE COUNTY, UTAH

A. LEASE NO., NAME AND LOCATION OF WELLS

1. LEASE NO. U-9000, GRASSY HOLLOW FEDERAL #28-1, SW $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 28, T6S-R7W
2. LEASE NO. U-8894, NUTTERS RIDGE FEDERAL #5-1, SW $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 5, T6S-R4W
- ✓ 3. LEASE NO. U-11015, LEFT FORK ANTELOPE CANYON FEDERAL #23-1,
NE $\frac{1}{4}$ SW $\frac{1}{4}$ SECTION 23, T6S-R4W
4. LEASE NO. U-8897, RIGHT FORK ANTELOPE CANYON FEDERAL #25-1,
NW $\frac{1}{4}$ NE $\frac{1}{4}$ SECTION 25, T6S-R5W
5. LEASE NO. U-8895, WIRE FENCE CANYON FEDERAL #15-1, NE $\frac{1}{4}$ NW $\frac{1}{4}$ SEC. 15, T6S-R5W

PRIOR TO BEGINNING ANY CLEARING, CONSTRUCTION OR OPERATIONS, INCLUDING ROAD AND DRILL SITE LOCATION AND CONSTRUCTION, BURTON/HAWKS, INC. WILL CONTACT THE DUCHESNE DISTRICT RANGER OR DESIGNATED FOREST SERVICE REPRESENTATIVE.

B. ROAD CONSTRUCTION

1. GRASSY HOLLOW - ACCESS WILL BE VIA STATE HIGHWAY 33 TO THE ACCESS ROAD; THEN VIA THE DIRT ACCESS ROAD FOUR-TENTHS (4/10) OF A MILE TO THE DRILL SITE. ROAD RECONSTRUCTION WILL BE NECESSARY.
2. NUTTERS RIDGE - ACCESS WILL BE VIA SOWERS CANYON ROAD TO FOREST DEVELOPMENT ROAD 333; THEN VIA FDR 333 TO DRILL SITE. FDR 333 IS AN IMPROVED DIRT ROAD, SO NO ADDITIONAL ROAD CONSTRUCTION WILL BE REQUIRED.
- ✓ 3. LEFT FORK ANTELOPE CANYON - ACCESS TO THE DRILL SITE WILL BE 10 $\frac{1}{2}$ MILES EAST FROM DUCHESNE VIA HIGHWAY 40 TO THE ANTELOPE CANYON ROAD, TURNING SOUTH OFF SAID HIGHWAY AND DRIVING APPROXIMATELY 4 $\frac{1}{4}$ MILES SOUTHWEST TO LOCATION.
4. RIGHT FORK ANTELOPE CANYON - ACCESS WILL BE 10 $\frac{1}{2}$ MILES EAST FROM DUCHESNE VIA HIGHWAY 40 TO THE ANTELOPE CANYON ROAD, TURNING SOUTH OFF SAID HIGHWAY AND DRIVING APPROXIMATELY 7 $\frac{1}{4}$ MILES TO THE DRILL SITE.
5. WIRE FENCE CANYON - ACCESS WILL BE 10 $\frac{1}{2}$ MILES EAST FROM DUCHESNE VIA HIGHWAY 40 TO THE ANTELOPE CANYON ROAD, TURNING SOUTH OFF SAID HIGHWAY AND DRIVING APPROXIMATELY 22 $\frac{1}{2}$ MILES TO THE DRILL SITE.
 - (A) ACCESS ROADS WILL BE CONSTRUCTED IN SUCH A MANNER THAT A MINIMUM AMOUNT OF SOIL AND GROUND COVER WILL BE DISTURBED. ANY ROAD LOCATION MUST BE APPROVED BY THE DUCHESNE DISTRICT RANGER PRIOR TO CONSTRUCTION. ANY DEVIATION FROM THE APPROVED LOCATION AND SL-12 STANDARDS WITH INTERCEPTING DIPS MUST BE APPROVED BY THE DUCHESNE DISTRICT RANGER PRIOR TO MAKING THE CHANGE.

APRIL 6, 1976

- (B) THE MAXIMUM GRADE ALLOWED ON RELOCATED SECTIONS WILL BE 6%; EXCEPT ON SHORT PITCHES UP TO 200 FEET, 8% WILL BE PERMITTED.
- (C) ROAD CUTS AND FILLS WILL BE FINISHED TO A 1-1/2:1 RATIO OR FLATTER.
- (D) ROAD WILL BE SLOPED TO INSURE FULL AND COMPLETE DRAINAGE. INTERCEPTING DIPS AND FLARE DITCHES WILL BE STAKED BY THE FOREST SERVICE.
- (E) REMOVE ONLY TREES AND BRUSH NECESSARY TO OBTAIN GOOD ROAD ALIGNMENT.
- (F) VEGETATION REMOVED IN ROAD CONSTRUCTION WILL BE DISPOSED OF AS DIRECTED BY THE DUCHESNE DISTRICT RANGER OR DESIGNATED FOREST SERVICE REPRESENTATIVE.

C. ROAD MAINTENANCE

DURING DRILLING OPERATIONS, SUFFICIENT ROAD MAINTENANCE WILL BE DONE TO INSURE THAT NO ROAD OR RESOURCE DAMAGE OR DETERIORATION WILL OCCUR. MAINTENANCE WILL INCLUDE:

- (1) MAINTAIN ALREADY CONSTRUCTED INTERCEPTING DIPS TO THE ACCESS ROADS TO THEIR ORIGINAL SIZE, SHAPE AND CONDITION.
- (2) MAINTAIN ROAD SURFACES LEAVING THE PRESENT FLARE DITCHES INTACT AND FUNCTIONABLE. ROCKS CAN BE WORKED OFF THE ROAD, BUT FINE MATERIALS WILL BE CONSERVED FOR FILL ON THE ROAD.
- (3) DEEP DUST OR MUD THAT ACCUMULATES DURING DRY OR WET PERIODS WILL NOT BE BLADED OFF THE ROAD.
- (4) ANY BRUSH, TIMBER SLASH, OR DEBRIS CREATED BY ROAD MAINTENANCE WILL BE DISPOSED OF AS DIRECTED BY THE DISTRICT RANGER OR FOREST SERVICE REPRESENTATIVE.
- (5) UPON COMPLETION OF THE DRILLING OPERATION, THE ACCESS ROAD, INCLUDING DRAINAGE AND CUT AND FILL SLOPES WILL BE RESTORED AND MAINTAINED TO THE STANDARD ACCEPTABLE TO THE DISTRICT FOREST RANGER.

D. DRILLING SITES

EACH DRILL SITE WILL REQUIRE APPROXIMATELY ONE AND ONE-HALF ACRES TO ACCOMMODATE DRILLING RIG, MUD TANKS, RESERVE PITS, EQUIPMENT, AND VEHICLES. WELL LOCATIONS ARE SHOWN IN PARAGRAPH A. IT WILL BE NECESSARY TO MAKE A 6-8 FOOT CUT TO BUILD THE GRASSY HOLLOW LOCATION AND THE RESERVE PIT WILL BE ON THE DOWNSLOPE SIDE NEXT TO GRASSY HOLLOW CREEK. THE OTHER LOCATIONS LISTED IN PARAGRAPH A ARE ON RELATIVELY FLAT LANDS. THE ONLY OTHER WELL WITH A DRAINAGE PROBLEM WOULD BE THE WIRE FENCE CANYON DRILL SITE.

REQUIREMENTS:

- (1) DRILLSITES WILL BE LEVELED AS REQUIRED, BUT NOT TO EXCEED 150 FEET X 300 FEET. ALSO A RESERVE PIT OF 75 FEET X 100 FEET X 6 FEET WILL BE EXCAVATED.
- (2) ALL BRUSH AND TREES REMOVED FROM THE SITE WILL BE DISPOSED OF AS DIRECTED BY THE DUCHESNE DISTRICT RANGER OR FOREST SERVICE REPRESENTATIVE.
- (3) RESERVE PITS WILL BE SO CONSTRUCTED TO INSURE THAT NO LEAKAGE, OVERLAND FLOW OR PIT FAILURE WILL OCCUR.

OPERATING PLAN

PAGE 3

APRIL 6, 1976

- (4) SHOULD THE INITIAL RESERVE PIT BECOME FULL PRIOR TO COMPLETION OF DRILLING, EXCESS WASTE WILL BE DISPOSED OF AS APPROVED BY THE DUCHESNE DISTRICT RANGER OR FOREST SERVICE REPRESENTATIVE.
- (5) UPON COMPLETION OF DRILLING OPERATIONS, RESERVE PITS WILL BE PUMPED AND MATERIAL DISPOSED OF AS DIRECTED BY THE DUCHESNE DISTRICT RANGER OR FOREST SERVICE REPRESENTATIVE. PITS WILL BE RESTORED TO NATURAL CONDITION AND MADE SOLID.
- (6) DURING THE DRILLING PERIOD, PITS WILL BE FULLY FENCED TO A HEIGHT OF AT LEAST 54" WITH WOVEN AND/OR BARBED WIRE.
- (7) ALL TOP SOIL REMOVED IN LEVELING AND RESERVE PIT CONSTRUCTION WILL BE STOCKPILED TO BE REPLACED OVER THE OPERATION AND PIT AREAS DURING SITE RESTORATION.
- (8) ON COMPLETION OF THE DRILLING OPERATION, THE DRILL SITE AND RESERVE PITS WILL BE RESTORED TO NATURAL CONTOUR OF THE SURROUNDING TOPOGRAPHY, AND THE STOCKPILED TOP SOIL WILL BE SPREAD OVER THE RESTORED AREA.
- (9) RESERVE PITS WILL HAVE SUFFICIENT CAPACITY TO PREVENT DRILLING WASTE FROM POLLUTING THE LIVE STREAMS. IF A WELL IS DRY, THE WASTE MATERIAL WILL BE PUMPED BACK INTO THE DRILL HOLE. IF DEVELOPED INTO A PRODUCING WELL, WILL BE HAULED AWAY.
- (10) THE RESTORED AREA WILL BE FERTILIZED AND RESEEDING AS PRESCRIBED BY THE FOREST SERVICE REPRESENTATIVE.
- (11) ALL PRECAUTIONS WILL BE TAKEN TO ASSURE PUBLIC SAFETY IN DRILLING AND ASSOCIATED OPERATIONS.

E. WATER SUPPLY

WATER IS NOT PRESENT ON ANY OF THE DRILLING SITES. THERE ARE SMALL STREAMS IN INDIAN, SOWERS, AND LEFT AND RIGHT ANTELOPE CANYONS, BUT MOST DRAINAGES CONTAIN WATER ONLY DURING PERIODS OF RUNOFF.

- (1) IF WATER IS HAULED TO DRILLING SITES, BURTON/HAWKS WILL OBTAIN PERMISSION FROM APPROPRIATE LAND OWNER AND/OR WATER RIGHT OWNER.
- (2) NO TRACTORS OR HEAVY EQUIPMENT WILL BE PLACED IN DRAINAGE CHANNELS WITHOUT CONSENT OF FOREST SERVICE.
- (3) RESTORATION

F. SANITARY FACILITIES

- (1) NO CAMPSITE OR HOUSING FACILITIES WILL BE LOCATED ON THE FOREST LAND WITHOUT THE CONSENT OF THE DUCHESNE DISTRICT RANGER.
- (2) A TOILET WILL BE SUPPLIED BY BURTON/HAWKS FOR USE OF THE DRILLING CREW. DISPOSITION AND SERVICING OF TOILET WILL BE THE RESPONSIBILITY OF THE COMPANY REPRESENTATIVE.

OPERATING PLAN

PAGE 4

APRIL 6, 1976

G. FIELD COORDINATION

- (1) JOHN VASTEN WILL BE THE FOREST SERVICE REPRESENTATIVE.
- (2) THE COMPANY WILL DESIGNATE A FIELD REPRESENTATIVE WHO WILL BE RESPONSIBLE FOR OPERATIONS UNDER THIS PLAN, GIVING NAME, ADDRESS, AND TELEPHONE NUMBERS.

H. SAFETY

- (1) BURTON/HAWKS WILL INSTALL A STOP SIGN AT THE GRASSY HOLLOW ROAD JUNCTION WITH THE INDIAN CANYON HIGHWAY (33).
- (2) BURTON/HAWKS WILL INSTALL SIGNS WARNING THE PUBLIC OF HEAVY TRUCK TRAFFIC ON SINGLE LANE ROADS AND HAZARDOUS LOCATIONS.

I. FIRE PLANS

- (1) ALL INTERNAL COMBUSTION ENGINES WILL BE EQUIPPED WITH APPROVED MUFFLERS OR WITH SPARK ARRESTORS DURING PERIODS OF FIRE DANGER.
- (2) DURING DRILLING OPERATIONS, A FIRE TOOL CACHE WILL BE LOCATED ON EACH DRILL SITE. THIS CACHE WILL CONSIST OF A MINIMUM OF TWO PULASKIS AND THREE SHOVELS IN A SEALED BOX PLAINLY MARKED FOR "FIRE USE ONLY".

K. GENERAL

- (1) ALL PRECAUTIONS WILL BE TAKEN TO PROTECT THE ENVIRONMENT AND RESOURCES ON AND ADJACENT TO THE OPERATIONS.
- (2) SANITATION AND THE DISPOSAL OF ALL WASTE AND REFUSE WILL BE ACCOMPLISHED IN A MANNER THAT IS WITHIN THE FRAMEWORK OF THE POLLUTION STATEMENT ACT (E.O. 11507).
- (3) ALL CONDITIONS OF THE DEPARTMENT OF AGRICULTURE STIPULATIONS AND THE LEASE SPECIAL STIPULATIONS NOT HEREIN MENTIONED WILL BE OBSERVED AND FOLLOWED.
- (4) CATTLEGUARDS MEETING FOREST SERVICE SPECIFICATIONS WILL BE INSTALLED AT ALL DESIGNATED FENCE LOCATIONS.
- (5) SHOULD THESE BECOME PRODUCING WELLS, AN OPERATION PLAN FOR THE PRODUCTION PHASE WILL BE NEGOTIATED.
- (6) ALL INGRESS AND EGRESS TO THE DRILL SITES WILL BE ESTABLISHED ACCESS ROADS. NO OFF-ROAD VEHICLE USE WILL BE PERMITTED WITHOUT THE CONSENT OF THE FOREST SERVICE.

THE UNDERSIGNED HAVE READ THE FOREGOING OPERATING PLAN AND AGREE TO ACCEPT AND ABIDE BY ALL TERMS AND CONDITIONS SET FORTH.

U. S. FOREST SERVICE

BURTON/HAWKS, INC.

DFR, DUCHESNE RANGER DISTRICT

Robert E. Wellborn
EXPLORATION MANAGER

FOREST SUPERVISOR, ASHLEY NAT'L FOREST

May 7, 1976
DATE

DATE

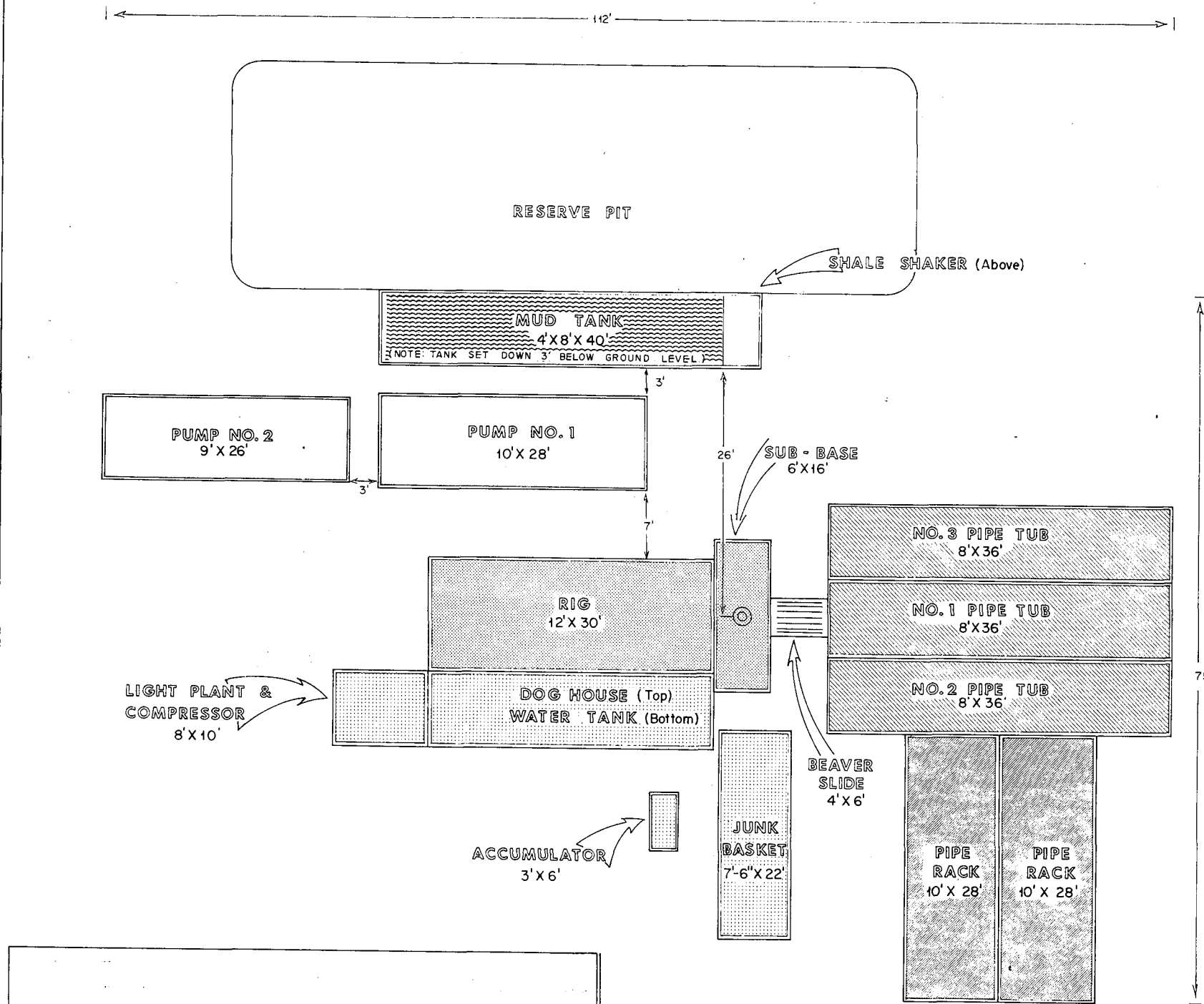
SPECIFICATIONS FOR ROADS ON SOUTH UNIT
OF ASHLEY NATIONAL FORESTS

NUTTERS RIDGE ROAD 10332 (EXISTING)

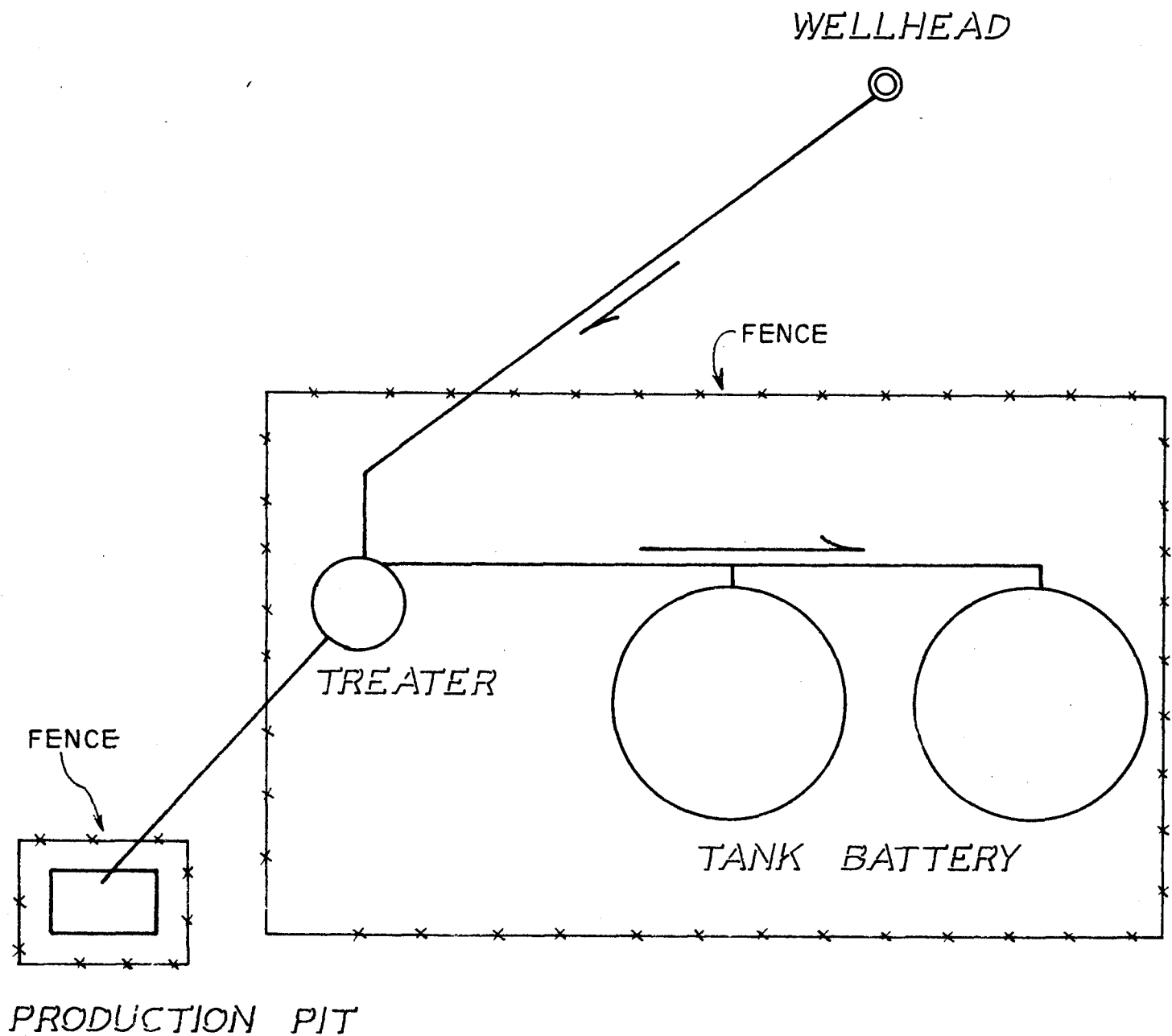
SIDE HILL CUTS - OUTSLOPE ROAD CONSTRUCTED TO INTERCEPT DIPS NOT TO EXCEED 300 FEET BETWEEN DIPS. NUMBER AND DISPLACEMENT OF DIPS WILL BE DETERMINED BY PERCENT OF GRADE OF ROAD. THE STEEPER THE GRADE, THE CLOSER THE DIPS SHALL BE PLACED. PLUS 8% GRADE DIPS SHALL NOT EXCEED 150 FOOT INTERVALS.

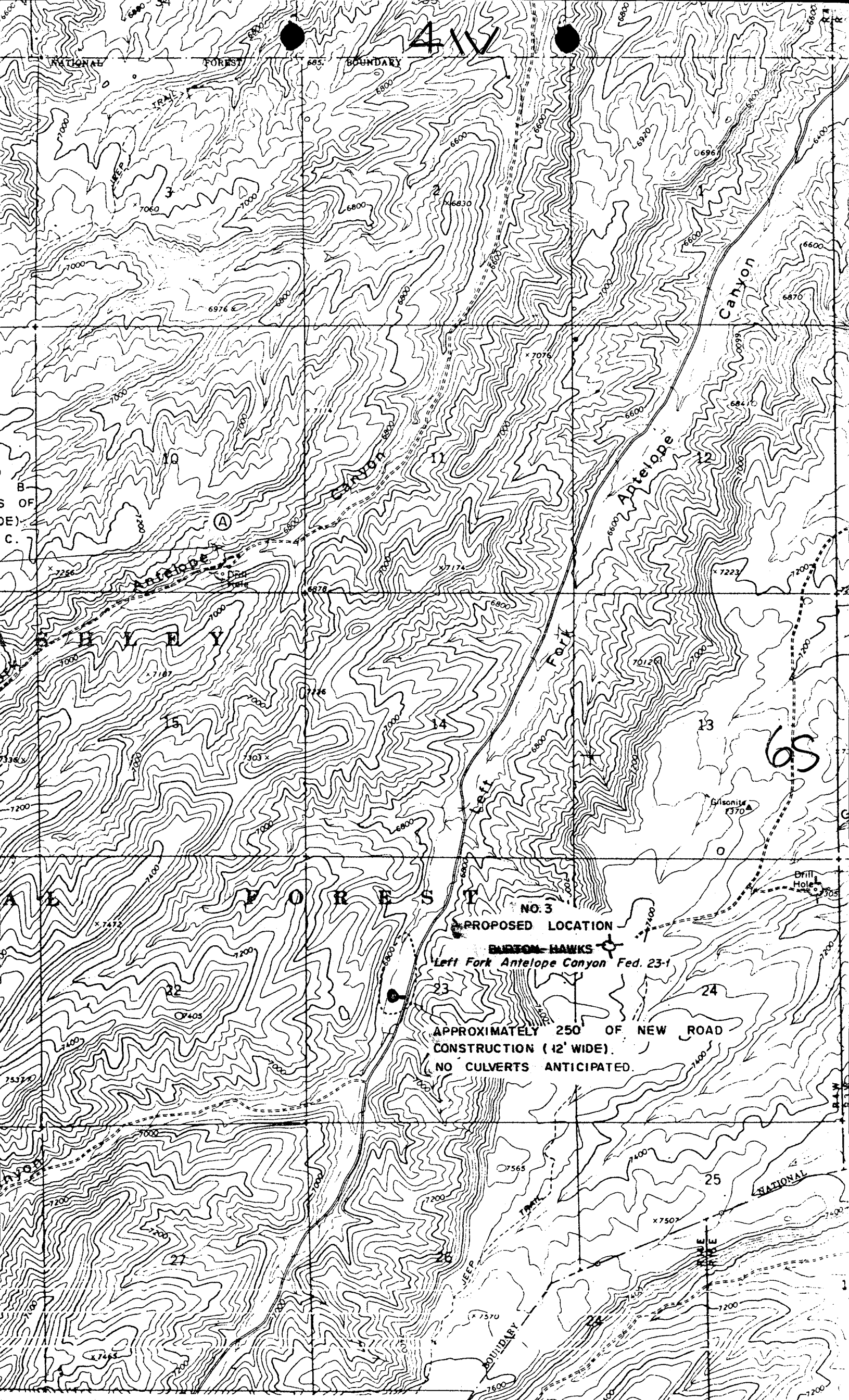
RIDGE TOP SECTIONS - (RELATIVELY LITTLE CUT OR FILL). ROADSIDE DITCHES SHALL BE CONSTRUCTED AND FLARE DITCHES CUT EVERY 300-500 FEET. FLARE DITCHES NOT TO EXCEED 500 FEET. SLOPE ROAD TOWARD FLARE DITCH 50-100 FEET PRIOR TO FLARE DITCH SO THAT WATER IS FORCED TO EXIT. ROAD SHALL BE CROWNED BETWEEN FLARE DITCH SECTIONS SO THAT WATER DRAINS TO DITCH.

FILL SECTIONS - CROWN ROAD OR SUPER
FOREST SERVICE ENGINEERS WILL STAKE INTERCEPTING DIPS AND FLARE DITCHES PRIOR TO ANY ROAD WORK UPON PRIOR NOTIFICATION.



PRODUCTION FACILITIES





41W

6S

NO. 3
PROPOSED LOCATION
BURTON-HAWKS
Left Fork Antelope Canyon Fed. 23-1
APPROXIMATELY 250' OF NEW ROAD
CONSTRUCTION (12' WIDE).
NO CULVERTS ANTICIPATED.



BURTON/HAWKS, INC.

First National Bank Building
P. O. Box 359
Casper, Wyoming 82602
307/234/1593

12-POINT PROGRAM

April 7, 1976

Mr. Ed Gynn
U.S. Geological Survey
8416 Federal Building
125 South State Street
Salt Lake City, Utah, 84111

Re: Burton/Hawks, Inc.
Left Fork Antelope Canyon Federal #23-1
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23, T6S-R4W
Duchesne County, Utah

Dear Ed:

The following is Burton/Hawks, Inc.'s 12-Point Program for the above captioned well.

1. Access to the drill site will be 10 $\frac{1}{2}$ miles east from Duchesne via Highway 40 to the Antelope Canyon Road, turning south off said Highway and driving approximately 4 $\frac{1}{4}$ miles southwest to location.
2. The dotted road is new construction necessary to get to the drill site.
3. The location of the well is shown on the accompanying survey plat.
4. Lateral roads to new locations would be submitted at a later date in the event of a discovery.
5. Tank batteries and flow lines for a discovery well are shown on the accompanying rig layout plans.
6. Water for the drilling operations will be hauled by truck from local area ranchers.
7. Storage and removal of trash, garbage, and pollutants. All trash, garbage, etc. will be kept in containers and hauled out to a sanitary landfill. No trash or environmentally hazardous materials will be disposed of in the reserve pit. All wastes and by-products of this operation that might be detrimental to plant or animal life will be disposed of in a sanitary landfill.

8. & 9. No camps or airstrips will be necessary.
10. A plat of the drilling rig is included.
11. Restoration: Upon completion of activities, the site and road will be immediately restored to its original condition.

The reserve pit will be pumped out immediately at the close of drilling operations. The sludge pumped out must be disposed of at a sanitary landfill. A small amount of drill waste can be left in the reserve pit providing it can be covered with four feet of soil.

The drill pad will be ripped and restored to its original grade. The stored topsoil will be spread over it. If necessary, additional top soil will be hauled in to assure a good medium for plant growth.

The newly constructed road will be obliterated and reseeded to grass at the close of operations. All portions of the road to be restored will be ripped and the soil moved back in place to its near original condition.

All disturbed areas will be reseeded according to the directions of the Duchesne District Ranger or his designated Forest Service representative.

12. The access road and location lie in sagebrush and creosote brush covered terrain reasonably flat in nature.

Yours very truly,

Robert E. Wellborn
Robert E. Wellborn
Exploration Manager

Attachments



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
8440 Federal Building
Salt Lake City, Utah 84138

May 4, 1976

Mr. Robert E. Wellborn
Burton/Hawks, Inc.
P. O. Box 359
Casper, Wyoming 82602

Re: Applications for Permit to Drill
Your transmittal May 3, 1976

Dear Mr. Wellborn:

Receipt is acknowledged of the Applications for Permit to Drill (5) transmitted under your letter of May 3, 1976. A preliminary review of each Application discloses the following:

(1) Part 4 of the APD -- locations are shown as $\frac{1}{4}$ $\frac{1}{4}$ sections. The attached survey plats are not properly identified as to well number. The location must be shown in feet and direction from the nearest lines of established public survey (section lines).

(2) Part 23 of the APD -- This section does not state what you intend to do. Any production casing that may be run and cemented is not shown.

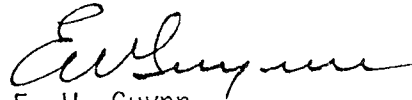
(3) No scale is shown on the sketches of "Production Facilities."

(4) Only one copy each of the topographic maps were received. The submitted maps or the 12-Point Plan do not reflect any road improvements to existing roads that may be necessary. Part 2 of the 12-Point Plans does not give width of newly constructed roads, ditching, crowning, drainage crossings (culverts), etc., are not prescribed. (See copy of attached Surface Use Plan.)

We are returning the five Applications for Permit to Drill (APD's) for the above corrections. Please refer to 30 CFR Part 221.58(a), Page 15, for

correction of the APD's -- Parts 4 and 23. Processing will commence on receipt of the corrected APD's.

Sincerely yours,



E. W. Guynn
District Engineer

Attachments:

12-Point Plan
Code of Fed. Reg./
Oil and Gas Operating Reg.
5 APD's

First National Bank Building
P. O. Box 359
Casper, Wyoming 82602
307/234/1593

MAY 3, 1976

MR. ED GYNN
U. S. GEOLOGICAL SURVEY
8426 FEDERAL BUILDING
SALT LAKE CITY, UTAH, 84111

RE: BURTON/HAWKS, INC.
GRASSY HOLLOW FEDERAL #28-1
SW $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 28, T6S-R7W

BURTON/HAWKS, INC.
LEFT FORK ANTELOPE CANYON
FEDERAL #23-1
NE $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 23, T6S-R4W

BURTON/HAWKS, INC.
WIRE FENCE CANYON FEDERAL #15-1
NE $\frac{1}{4}$ NW $\frac{1}{4}$ SEC. 15, T6S-R5W

ALL IN DUCHESNE COUNTY, UTAH

GENTLEMEN:

ENCLOSED PLEASE FIND THE FOLLOWING FORMS AND INFORMATION PERTAINING TO THE DRILLING OF THE ABOVE CAPTIONED WELLS:

1. 12-POINT PROGRAM
2. 7-POINT PROGRAM
3. OPERATING PLAN

4. NOTICE OF INTENT TO DRILL
5. LOCATION PLATS
6. TOPO MAPS

THE DRILLING BOND FOR THESE WELLS IS BEING OBTAINED BY THE LESSEE, NATURAL RESOURCES CORPORATION, AND WILL BE FORWARDED TO YOU AS SOON AS IT IS OBTAINED, ALONG WITH A DESIGNATION OF OPERATOR FOR BURTON/HAWKS, INC.

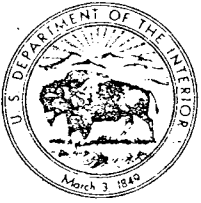
IF FURTHER INFORMATION IS REQUIRED, PLEASE LET US KNOW.

YOURS VERY TRULY,

BURTON/HAWKS, INC.

Robert E. Wellborn
ROBERT E. WELLBORN,
EXPLORATION MANAGER

ATTACHMENTS



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
8440 Federal Building
Salt Lake City, Utah 84138

May 5, 1976

Mr. Robert E. Wellborn
Burton/Hawks, Inc.
P. O. Box 359
Casper, Wyoming 82602

Re: Applications for Permit to Drill
Your transmittal May 3, 1976
Our letter May 4, 1976

Dear Mr. Wellborn:

In reference to our letter to you dated May 4, 1976, we neglected to also include the following:

(5) Please refer to Rule 30 CFR 221.20 regarding well location restrictions.

Sincerely yours,

E. W. Gynn
District Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

BURTON/HAWKS, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 359. CASPER. WYOMING. 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

NE $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 23, T6S-R4W

At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.

U-11015

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

-

8. FARM OR LEASE NAME

-

9. WELL NO.

LEFT FORK ANTELOPE CANYON
FEDERAL 23-1

10. FIELD AND POOL, OR WILDCAT

WILDCAT

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

SEC. 23, T6S-R4W

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UTAH

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

14 $\frac{1}{4}$ MILES FROM DUCHESNE, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1725'

16. NO. OF ACRES IN LEASE

470.61

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 ACRES

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

5600'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6780 UNGRADED GROUND

22. APPROX. DATE WORK WILL START*

AUGUST 1, 1976

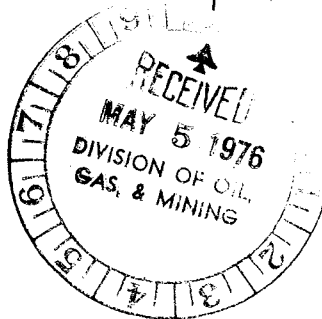
23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 $\frac{1}{2}$ "	8-5/8"	24#	200'	TO SURFACE

T6S-R4W

SEC. 6: LOT 4

SEC. 8: NE $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 9: NW $\frac{1}{4}$ NW $\frac{1}{4}$ SEC. 14: SE $\frac{1}{4}$ SE $\frac{1}{4}$ SEC. 18: SW $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 19: SW $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 20: NE $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 22: NE $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 23: NE $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 25: LOT 1, NE $\frac{1}{4}$ NW $\frac{1}{4}$ SEC. 28: NE $\frac{1}{4}$ NE $\frac{1}{4}$ BLOWOUT PREVENTOR: 8" SHAFFER, 3 $\frac{1}{2}$ " DRILL PIPE RAMS. ONE 2" FILL LINE. ONE 2" KILL LINE,
NO CHOKE LINE.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Robert E. Wellborn
ROBERT E. WELLBORN

TITLE EXPLORATION MANAGER

DATE 5-3-76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

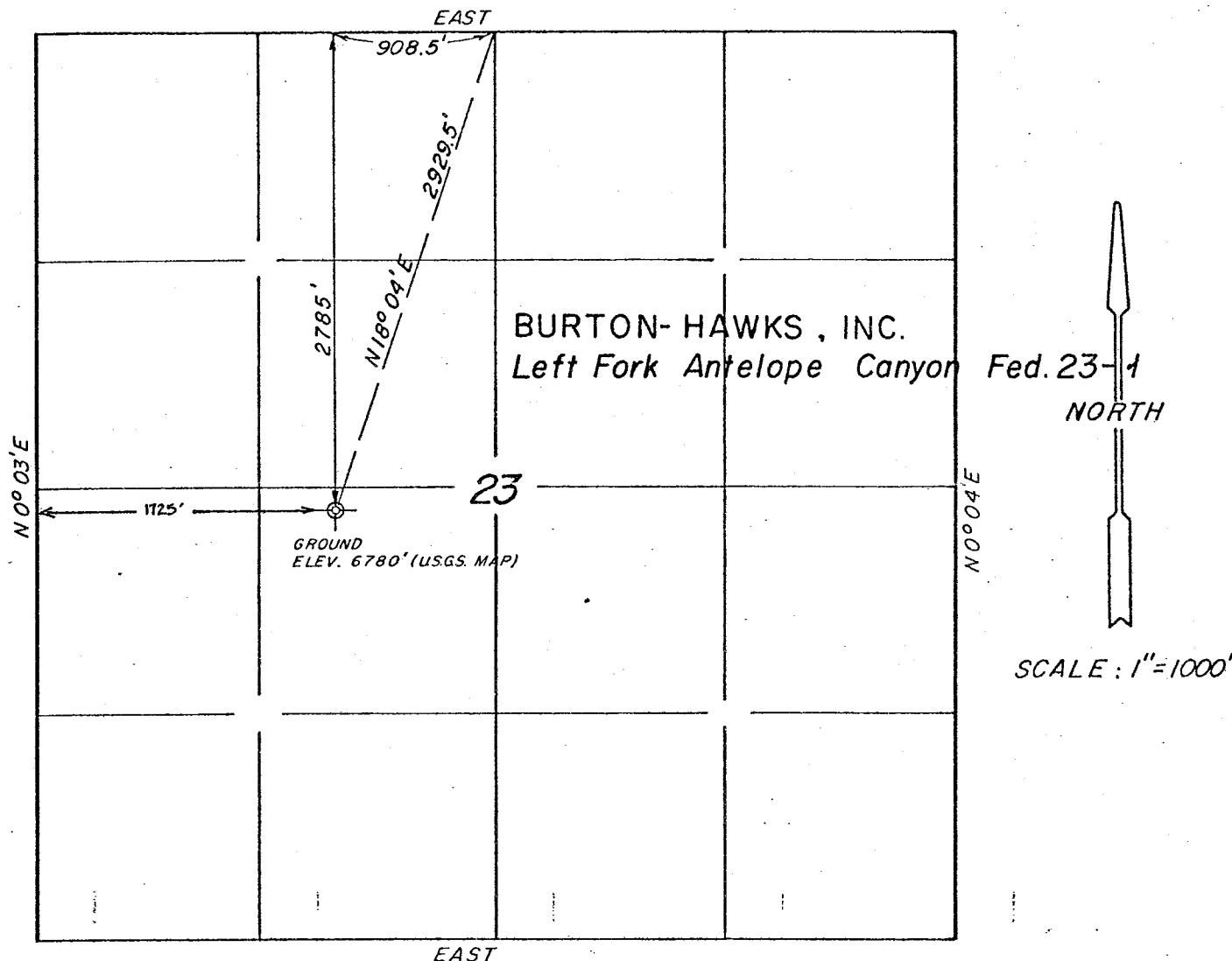
*See Instructions On Reverse Side

BURTON HAWKS, INC.

Well # 23-1

NE 1/4 OF SW 1/4, SEC. 23
T6S, R4W, U.S.B.M.

WELL LOCATION-LEFT FORK of ANTELOPE CANYON



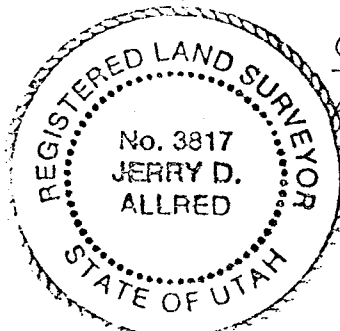
Well # 23-1

NOTES

THE BASIS OF BEARINGS FOR THIS SURVEY WAS DETERMINED BY SOLAR OBSERVATIONS. ORIGINAL GENERAL LAND OFFICE NOTES AND PLATS FILED WITH THE UTAH STATE OIL AND GAS CONSERVATION DIVISION WERE USED FOR REFERENCES AND CALCULATIONS.

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY PERFORMED BY ME.



Jerry D. Allred
JERRY D. ALLRED, REGISTERED
LAND SURVEYOR, CERT. #3817

4/29/76

76-123-003

VALLEY ENGINEERING, INC.
P. O. Drawer 906
DUCESNE, UTAH 84021
Phone 738-2351

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: May 5-
Operator: Burton/Hawks Inc.
Well No: Left Ford Antelope Canyon Fed. 23-1
Location: Sec. 23 T. 6s R. 4w County: Duchesne

File Prepared



Entered on N.I.D.



Card Indexed



Completion Sheet



Checked By:

Administrative Assistant:

SA

Remarks:

Petroleum Engineer/Mined Land Coordinator:

Remarks:

Director:

Remarks:

See approval to continue work to 1000' level

Include Within Approval Letter:

Bond Required



Survey Plat Required



Order No.



Blowout Prevention Equipment



Rule C-3(c) Topographical exception/company owns or controls acreage within a 660' radius of proposed site ☒

O.K. Rule C-3



O.K. In

Unit



Other:

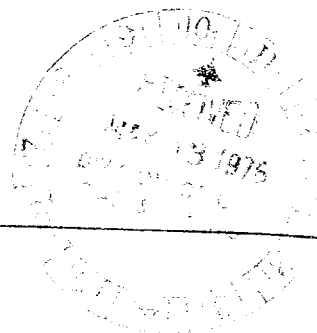


Letter Written



BURTON/HAWKS, INC.

First National Bank Building
P. O. Box 359
Casper, Wyoming 82602
307/234/1593



CIRCULATE

May 10 , 1976

Mr. E. W. Gynn
U. S. Geological Survey
8440 Federal Building
Salt Lake City, Utah, 84138

Schur
2
-5

Re: Applications for Permit to Drill
5-Well drilling program
Duchesne County, Utah

Dear Mr. Gynn:

With this letter we are asking for exception to Rule 30 CFR 221.20 for the above referenced wells. The following locations are all located in extremely rugged terrain and application of Rule 30 CFR 221.20 would make it very difficult to build proper locations.

1. Grassy Hollow Federal #28-1, Sec. 28, T6S-R7W
2. Left Fork Antelope Canyon Fed. 23-1, Sec. 23, T6S-R4W
3. Right Fork Antelope Canyon Fed. 25-1, Sec. 25, T6S-R5W
4. Nutters Ridge Federal 5-1, Sec. 5, T6S-R4W
5. Wire Fence Canyon Federal 15-1, T6S-R5W

We would appreciate your earliest consideration of these wells as we are under obligation to commence drilling by May 30, 1976.

Yours very truly,
BURTON/HAWKS, INC.

R. E. Wellborn
R. E. Wellborn
Exploration Manager

P.S. Also enclosed please find corrected N.I.D. for Left Fork Antelope Canyon Federal #23-1, changing Lease Number and number of acres in lease.

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL No.: U - 8939

and hereby designates

NAME: Burton-Hawks, Inc.
ADDRESS: P. O. Box 359, Casper, Wyoming 82602

as his operator and agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

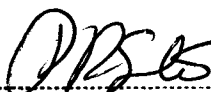
SW/4 Sec 23, T6S - R4W
Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

KING RESOURCES COMPANY

by 
(Signature of lessee)

P. R. Stewart, President

May 6, 1976

(Date)

King Resources Company P. O. Box 9698
South Denver Station 80209
(Address)



BURTON/HAWKS, INC.

First National Bank Building
P. O. Box 359
Casper, Wyoming 82602
307/234/1593

CIRCULATE TO:

DIRECTOR _____
PETROLEUM ENGINEER _____
MINERAL _____
ADMINISTRATIVE ASSISTANT _____
ALL _____
RETURN TO: *Kath*
FOR FILING

May 12, 1976

Mr. E. W. Guynn
U. S. Geological Survey
8440 Federal Building
Salt Lake City, Utah, 84138

Re: Burton/Hawks, Inc.
5-Well Drilling Program
Duchesne County, Utah

Dear Mr. Guynn:

In reference to your letter of May 4, 1976, please note the following:

1. Part 4 (Form 9-331C) - Footages have been added. All survey plats have footages marked in addition to identification of plat.
2. Part 23 (Form 9-331C) - Drilling plans have been noted with the intended formation and penetration depth. Casing and cementing program completed.
3. Scale has been added to production facilities.
4. Have enclosed a copy of the topographic maps with each well location. The submitted maps show each location and the necessary road work that is anticipated. Part 2 of the 12-Point Program will be in accordance with the rules and regulations of the U.S.F.S. (A copy of specifications for roads on the South Unit of Ashley National Forest is included in the Operating Plans).

Yours very truly,

BURTON/HAWKS, INC.

Robert E. Wellborn
Robert E. Wellborn,
Exploration Manager

Attachments

cc: State of Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Burton/Hawks, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 359, Casper, Wyoming, 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23, T6S-R4W

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

14 miles from Duchesne, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1725'

16. NO. OF ACRES IN LEASE

2465

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 acres

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

5600'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6780 Ungraded Ground

22. APPROX. DATE WORK WILL START*

August 1, 1976

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 $\frac{1}{4}$	8-5/8"	24#	200'	To surface

T6S-R4W

Sec. 11: All

Sec. 12: All

Sec. 14: N $\frac{1}{2}$, N $\frac{1}{2}$ S $\frac{1}{2}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23: N $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$ 

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

R. E. Wellborn

TITLE Exploration Manager

DATE 5-7-76

(This space for Federal or State office use)

PERMIT NO.

43-013-30405

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



BURTON/HAWKS, INC.

RECEIVED
MAY 24 1978

CIRCULATE TO:

First National Bank Building
P. O. Box 359
Casper, Wyoming 82602
307/234/1593

May 18, 1976

Mr. Pat Driscoll
State of Utah
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah, 84111

Re: Applications for Permit to Drill
5-Well Drilling Program
Duchesne County, Utah

Dear Mr. Driscoll:

With this letter we are asking for exception to Rule C-3 of the State of Utah, for the above referenced wells. The following locations are all located in extremely rugged terrain and application of Rule C-3 would make it very difficult to build proper locations.

1. Grassy Hollow Federal #28-1, Sec. 28, T6S-R7W
2. Left Fork Antelope Canyon Fed. #23-1, Sec. 23, T6S-R4W
3. Right Fork Antelope Canyon Fed. #25-1, Sec. 15, T6S-R5W
4. Nutters Ridge Federal #5-1, Sec. 5, T6S-R4W
5. Wire Fence Canyon Federal #15-1, Sec. 15, T6S-R5W

Your consideration of this request will be appreciated.

Yours very truly,

BURTON/HAWKS, INC.

Robert E. Wellborn
Robert E. Wellborn
Exploration Manager

P.S. These locations have the approval of the U.S. Forest Service.

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Utah
SERIAL No.: U-8939

and hereby designates

NAME: Burton/Hawks, Inc.
ADDRESS: P.O. Box 359, Casper, Wyoming 82602

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 6 South, Range 4 West
Section 23: W/2NE, SENE, W/2, SE

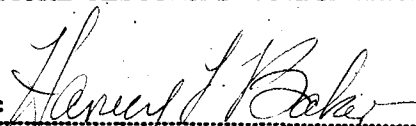
It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

NATURAL RESOURCES CORPORATION

BY:



(Signature of lessee)

Harvey L. Baker, Vice President

May 13, 1976

(Date)

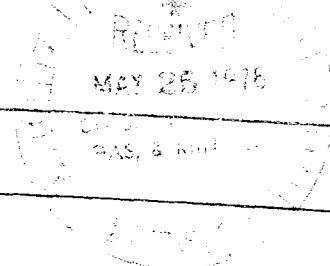
500 Denver Club Building, Denver, CO 80202

(Address)



BURTON/HAWKS, INC.

First National Bank Building
P. O. Box 359
Casper, Wyoming 82602
307. 234/1593



May 21, 1976

Mr. E. W. Gynn
U. S. Geological Survey
8440 Federal Building
Salt Lake City, Utah, 84138

Re: Burton/Hawks, Inc.
5-Well Drilling Program
Duchesne County, Utah

Dear Mr. Gynn:

With reference to the above Applications for Permits to Drill, please find enclosed three (3) copies each of Designation of Operator from Natural Resources Corporation to Burton/Hawks, Inc. for Lease Nos. U-9000, U-8895, U-8894, U-8897, and U-8939. Also enclosed are three (3) copies each of Designation of Operator from King Resources Company to Burton/Hawks, Inc. for the above same leases.

King Resources Company and Natural Resources Corporation have advised that they both have blanket bonds with the Bureau of Land Management which should suffice for the drilling of the wells. If this is not the case, please let us know.

Yours very truly,

BURTON/HAWKS, INC.

Robert E. Wellborn
Robert E. Wellborn,
Exploration Manager

Enclosures

✓ cc: Mr. Pat Driscoll
State of Utah
Division of Oil, Gas, and Mining

May 24, 1976

Burton/Hawks, Inc.
P.O. Box 359
Casper, Wyoming 82602

Re: Well No's:
Nutters Ridge Federal 5-1
Sec. 5, T. 6 S, R. 4 W,
Wire Fence Canyon Federal 15-1
Sec. 16, T. 6 S, R. 5 W,
Left Fork Antelope Canyon 23-1
Sec. 23, T. 6 S, R. 4 W,
Right Fork Antelope Canyon 25-1
Sec. 25, T. 6 S, R. 5 W,
Grassy Hollow Federal 28-1
Sec. 28, T. 6 S, R. 7 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug these wells, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API numbers assigned to these wells are:

Nutters Ridge Fed/5-1: 43-013-30403
Wire Fence Canyon Fed/15-1: 43-013-30404
Left Fork Antelope Canyon Fed/23-1: 43-013-30405

Burton/Hawks Inc.
May 24, 1976
Page Two

Right Fork Antelope Canyon Fed/25-1: 43-013-30406
Grassy Hollow Fed/28-1: 43-013-30407

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
DIRECTOR

CBF:sw

cc: U.S. Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

BURTON/HAWKS, INC.

3. ADDRESS OF OPERATOR

P.O. BOX 359, CASPER, WYOMING 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface
NE $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 23, T6S-R4W 1725' FWL-2785' FNL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

14 MILES FROM DUCHESNE, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1725'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

16. NO. OF ACRES IN LEASE

2465

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160 ACRES

19. PROPOSED DEPTH

5600'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6780 UNGRADED GROUND

22. APPROX. DATE WORK WILL START*

AUGUST 1, 1976

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 $\frac{1}{4}$ "	9-5/8"	24#	200'	TO SURFACE
8-1/2"	5-1/2"	14#	5600"	250 SACKS

T6S-R4W

SEC. 11: ALL

SEC. 12: ALL

SEC. 14: N $\frac{1}{2}$, N $\frac{1}{2}$ S $\frac{1}{2}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$ SEC. 23: N $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$

PROPOSE TO DRILL A 5600' TEST, 200' INTO THE WASATCH.

BLOWOUT PREVENTOR PROGRAM: 8' SHAFFER, 3 $\frac{1}{2}$ " PIPE RAMS, ONE 2" FILL LINE, ONE 2" KILL LINE.
NO CHOKE LINE.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Robert E. Wellborn TITLE EXPLORATION MANAGER DATE MAY 11, 1976
ROBERT E. WELLBORN

(This space for Federal or State office use)

PERMIT NO. 1414126 APPROVAL DATE JUL 28 1976APPROVED BY E. S. [Signature] TITLE DISTRICT ENGINEER DATE JUL 28 1976

CONDITIONS OF APPROVAL, IF ANY:

Approval NOTICE - UTAH STATE OIL, GAS & MINING

*See Instructions On Reverse Side

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

466 2 1976

GAS & MIN.

Well

Location

Lease No.

Burton/Hawks, Inc.
23-1 Federal

1725' FWL, 2785' FNL, sec. 23, T.6S, R.4W,
USM, Duchesne Co, Utah, Gr. El. 6780' est.

U-8939

1. Stratigraphy and Potential The surface rocks are Uinta and the lower Green Oil and Gas Horizons. River will be tested. Gulf Oil Corp. #1 in sec. 10 reported Wasatch at 5280 (surface elevation of well 6794).
2. Fresh Water Sands. The WRD report prepared for T. 4 S., R. 4 W. is probably applicable to T. 6 S., R. 4 W. (see page 2).
3. Other Mineral Bearing Formations. Prospectively valuable for oil shale found in (Coal, Oil Shale, Potash, Etc.) the Green River Formation (withdrawal order 5327). The Mahogany zone may be encountered at approximately 2760 ft (structural contour map of Uinta Basin by Cashion). The sequence of rocks (1500 ft.) above the Mahogany may contain pods and beds of saline minerals.
4. Possible Lost Circulation Zones. Unknown
5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. Unknown
6. Possible Abnormal Pressure Zones and Temperature Gradients. Unknown
7. Competency of Beds at Proposed Casing Setting Points. Probably adequate.
8. Additional Logs or Samples Needed. Gamma Ray/Neutron, sonic, density, and electric through oil shale interval.

/Approximately 2½ miles northeast of a KGS. Ray, R.G.,

9. References and Remarks /Kent, B.H., and Dane, C.H., 1956, Stratigraphy and photogeology of the southwestern part of Uinta Basin, Duchesne and Uintah Counties, Utah; U.S. Geol Survey O&G Inv. map, OM 171, 1:63,360.

Date:

JUL 30 1976

Signed:

Simon Marie Riva
State Oil & Gas

2. Fresh Water Sands--continued

<u>Stratigraphic units</u>	<u>Tops, approx.</u>	<u>Quality of water</u>
Uinta Formation	surface	Usable/saline
Green River Formation	?	Saline

Water wells in the vicinity do not exceed 200 ft. in depth. Fresh or usable water may be found as deep as 1,000 ft.

NOTE

W.R.D. REPORT FOR TGS ROW INDICATES FRESH OR USABLE WATER MAY OCCUR AS DEEP AS 3,300 FT IN GREEN RIVER FORMATION

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

153

Construction	Pollution	Drilling Production	Transport Operations	Accidents	Other
Roads, bridges, airports	Burning, noise, junk disposal	Well drilling	Trucks	Spills and leaks	
Transmission lines, pipelines	Liquid effluent discharge	Fluid removal (Prod. wells, facilities)	Pipelines	Operational failure	
Dams & impoundments	Subsurface disposal	Secondary Recovery	Others		
Others (pump stations, compressor stations, etc.)	Others (toxic gases, noxious gas, etc.)	Noise or obstruction of scenic views			
		Mineral processing (ext. facilities)			
		Others			

Sec 23-6s-4w
U-8939
Duchess Co. Utah
USFS - Vastin
USGS - Alexander
B.H. - Bockman
☒ Enhance
☐ No Effect
☐ Minor Impact
☒ Major Impact

Land Use	1	2	3	4	5	6	7	8	9	10
Forestry	✓	/	/	/	/	/	/	/	/	/
Grazing	✓	0	/	/	/	/	/	/	/	/
Wilderness	NA									
Agriculture	NA									
Residential-Commercial	NA									
Mineral Extraction	NA									
Recreation	✓	0	/	/	/	/	/	/	/	/
Scenic Views	✓	/	/	/	/	/	/	/	/	/
Parks, Reserves, Monuments	NA									
Historical Sites	NA									
Unique Physical Features	NA									
Birds	✓	/	/	/	/	/	/	/	/	/
Land Animals	✓	/	/	/	/	/	/	/	/	/
Fish	NA									
Endangered Species	None Known	/	/	/	/	/	/	/	/	/
Trees, Grass, Etc.	✓	/	/	/	/	/	/	/	/	/
Surface Water	NA									
Underground Water	?									
Air Quality	✓	/	/	/	/	/	/	/	/	/
Erosion	✓	/	/	/	/	/	/	/	/	/
Other										
Effect On Local Economy	✓	0	0		0		0			
Safety & Health	✓			/	/	/	/	/	/	/
Others	ORIG- FILE CC- FOREST SERV w/ MATRIX REG MGR- DIR									

ORIG- FILE
CC- FOREST SERV w/ MATRIX
REG MGR- DIR
UTAH STATE OIL-GAS-MINING

Lease

U-8939

Well No. & Location

NESW Sec 23 - 6s - 4W

Duchesne County Utah.

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

- 1.) Burton Hawks Inc. proposes to drill a wildcat oil & gas test well w/ rotary tools to approx 5600'.
- 2.) Proposes to construct a drill site approx 75' x 112' and to construct a reserve pit approx 75' x 25' x 6' deep.
- 3.) proposes to construct approx 250' of new access road that it's w/ a road that will need no work.

2. Location and Natural Setting (existing environmental situation)

The drill site falls in the bottom of the left fork of Antelope Canyon. The site is level and approx 250' from the existing road.

The vegetation is piñon Juniper, sagebrush, assorted grasses.

The wildlife is elk, deer, small game, predators, and birds. There are no known endangered species.

The land is used primarily for cattle grazing.

There are no known Historical Sites that would be effected and no evidence of archeological sites was noted.

3. Effects on Environment by Proposed Action (potential impact)

The drilling and Completion of a dry hole or failure would have little long term effect on the environment. Discovery of an oil or gas field would have moderate effect in that the character of the area would be changed. If a discovery is made, careful planning would be required to avoid serious degradation.

The improvement of the roads would benefit the grazing and recreation use of the land in that it would be more accessible.

There would be moderate scaring of the land which would require 2 to 5 years to rehab.

The drilling and associated traffic would add a minor amount of pollution to the air as well as temporarily disturbing livestock and wildlife.

There would be potential for minor accelerated erosion due to surface disturbance & support traffic use.

4. Alternatives to the Proposed Action

NOT Approving the proposed permit

Denying the proposed permit and suggesting a alternative location where environmental damage would be lessened. No nearby locations could be found that would justify this action.

5. Adverse Environmental Effects Which Cannot Be Avoided

Temporarily disturbing livestock & wildlife.

Temporary mess due to drilling activity and requiring about 2 to 3 years to rehab.

Detraction from aesthetics.

minor air pollution due to exhaust, ~~emissions~~ emissions from rig engines and support traffic.

no potential for minor induced and accelerated erosion due to surface disturbance and support traffic use.

6. Determination

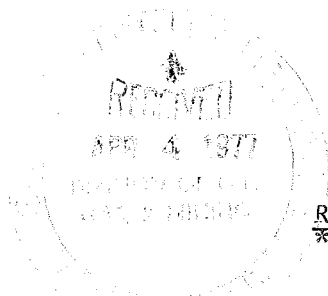
(This requested action (~~does~~) (does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2) (c).

Date Inspected 6-16-76

Inspector [Signature]

[Signature]
U.S. Geological Survey,
Conservation Division
Salt Lake City District
Salt Lake City, Utah

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116



REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Left Fork Antelope Canyon Federal 23-1

Operator Burton/Hawks, Inc.

Address P. O. Box 359, Casper, Wyoming 82602

Contractor Burton/Hawks Drilling Company

Address P. O. Box 359, Casper, Wyoming 82602

Location NE 1/4, SW 1/4, Sec. 23; T. 6 S; R. 4 W; Duchesne County

Water Sands:

<u>Depth:</u>		<u>Volume:</u>		<u>Quality:</u>
From-	To-	Flow Rate or Head -		Fresh or Salty -
1. 600'		?		?
2. 2500'		?		?
3. 3440'		?		?
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops:

Surface to 5010' - Green River Formation 5010' Wasatch Formation

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

* Drilling with air. As soon as water zone reached immediately started injecting soap to control water flow.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-8939
2. NAME OF OPERATOR Burton/Hawks, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 359, Casper, Wyoming, 82602		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23, T6S-R4W		8. FARM OR LEASE NAME
14. PERMIT NO. None given		9. WELL NO. Left Fork Antelope Canyon #23-1
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T6S-R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

Status Report

☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

REPAIRING WELL

☐
☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEPTEMBER, 1976

See daily drilling report attached.

18. I hereby certify that the foregoing is true and correct

SIGNED

Robert E. Wellborn

TITLE

Exploration Manager

DATE

4-21-77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-8939
2. NAME OF OPERATOR Burton/Hawks, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 359, Casper, Wyoming, 82602		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23, T6S-R4W		8. FARM OR LEASE NAME
14. PERMIT NO. None given		9. WELL NO. Left Fork Antelope Canyon #23-1
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T6S-R4W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

OCTOBER 1976

See daily drilling report attached.

OPERATIONS SUSPENDED

18. I hereby certify that the foregoing is true and correct

SIGNED

Robert E. Wellborn

TITLE Exploration Manager

DATE

4-21-77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

LEFT FORK ANTELOPE CANYON FEDERAL #23-1

NE $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 23, T6S-R4W

Duchesne County, Utah

- 10- 4-76: Shut In Pressure 0. No gas to surface. Loaded hole with 80 barrels water. Set packer at 3160'. Casing Pressure 2000#. Held OK. Reset packer 3220'. Pressured casing. Circulated 4 barrels per minute at 4000#. Definite communication between perf. Released packer, pulled tubing, set cast iron plug at 3214'. Reran tubing with packer. Set packer at 3033'. Broke down with 2-3/4 barrel per minute at 2800#. Squeezed with 100 sacks Class G with 2-1/2% chloride. 20 sacks in 6 stages in 1-1/2 hours. Final stage squeeze pressure 3000#. Released packer. Reversed hole with 20 barrels, no cement return. Job completed 6:00 P.M. October 1. Laid down tubing, commenced tearing down rig. Tearing down and moving today, to RIGHT FORK ANTELOPE CANYON FEDERAL #25-1. Waiting on completion tools.
- 10- 5-76: Waiting on completion tools.

10-1-76

Tubing opened to bit. No gas to surface. Picked up B-J. Acidized down tubing with 500 gallons 7½% mud acid, 20,000 cubic feet nitrogen. Spearheaded with 300 cubic feet per barrel of nitrogen in acid and displacement. BDP 2800 psi @ 1 barrel per minute. Average pressure 2500 psi @ 1-3/4 barrel per minute. Casing and tubing communicated with 3 barrels of displacement left. Released packer, pulled 20 stands. Blew hole dry with air. Reran tubing to 3160'. Blew hole dry. Set packer. Opened tubing. No gas to surface. Well dead. Recovered all acid and load water.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-8939

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Left Fork Antelope Canyon
#23-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 23, T6S-R4W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Burton/Hawks, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 359, Casper, Wyoming, 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23, T6S-R4W

14. PERMIT NO.

None given

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

NOVEMBER 1976

OPERATIONS SUSPENDED.

18. I hereby certify that the foregoing is true and correct

SIGNED

Robert E. Wellborn

TITLE Exploration Manager

DATE

4-21-77

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-8939

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7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

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Left Fork Antelope Canyon
#23-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 23, T6S-R4W

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Burton/Hawks, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 359, Casper, Wyoming, 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23, T6S-R4W

14. PERMIT NO.

None given

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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PULL OR ALTER CASING

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FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

Status Report

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SUBSEQUENT REPORT OF:

WATER SHUT-OFF

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FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DECEMBER, 1976

OPERATIONS SUSPENDED

18. I hereby certify that the foregoing is true and correct

SIGNED

Robert E. Wellborn

TITLE Exploration Manager

DATE

4-21-77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Burton/Hawks, Inc.		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR P. O. Box 359, Casper, Wyoming, 82602		9. WELL NO. Left Fork Antelope Canyon #23-1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23, T6S-R4W		10. FIELD AND POOL, OR WILDCAT Wildcat	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T6S-R4W		12. COUNTY OR PARISH Duchesne	
14. PERMIT NO. None given		13. STATE Utah	
15. ELEVATIONS (Show whether DF, RT, OR, etc.)			
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:			
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Status Report <input checked="" type="checkbox"/>			
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*			

JANUARY, 1977OPERATIONS SUSPENDED

18. I hereby certify that the foregoing is true and correct

SIGNED

Robert E. Wellborn

TITLE Exploration Manager

DATE

4-21-77

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-8939

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Left Fork Antelope Canyon
#23-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 23, T6S-R4W

14. PERMIT NO.

None given

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

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PULL OR ALTER CASING

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FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

WATER SHUT-OFF

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REPAIRING WELL

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☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

Status Report

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

FEBRUARY, 1977OPERATIONS SUSPENDED

18. I hereby certify that the foregoing is true and correct

SIGNED

Robert E. Wellborn

TITLE Exploration Manager

DATE

4-21-77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
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(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

U-8939

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
Left Fork Antelope Canyon
#23-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 23, T6S-R4W

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER
2. NAME OF OPERATOR
Burton/Hawks, Inc.
3. ADDRESS OF OPERATOR
P. O. Box 359, Casper, Wyoming, 82602
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23, T6S-R4W

14. PERMIT NO.

None given

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

(Other)

Status Report ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MARCH, 1977

OPERATIONS SUSPENDED.

18. I hereby certify that the foregoing is true and correct

SIGNED

Robert E. Wellborn

TITLE Exploration Manager

DATE

4-21-77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



BURTON/HAWKS, INC.

First National Bank Building
P. O. Box 359
Casper, Wyoming 82602
307/234/1593

April 21, 1977

U. S. Geological Survey
8440 Federal Building
125 South State Street
Salt Lake City, Utah, 84111

State of Utah
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah, 84111

Re: Left Fork Antelope Canyon Federal #23-1
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23, T6S-R4W,
Duchesne County, Utah

Gentlemen:

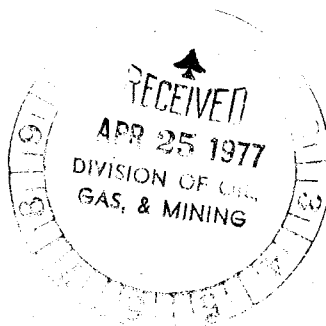
With reference to the above captioned well, please find enclosed the status reports on the above captioned well from spud date through present operations.

Yours very truly,

BURTON/HAWKS, INC.

Robert E. Wellborn,
Exploration Manager

Attachments



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-8939

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Left Fork Antelope Canyon
#23-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 23, T6S-R4W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL ☐ WELL GAS ☒ WELL OTHER

MAY 16 1977

2. NAME OF OPERATOR

Burton/Hawks, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 359, Casper, Wyoming, 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 23, T6S-R4W

14. PERMIT NO.

None given

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

Status Report

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

APRIL, 1977

OPERATIONS SUSPENDED

18. I hereby certify that the foregoing is true and correct

SIGNED

Robert E. Wellborn

TITLE Exploration Manager

DATE 5-9-77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



CALVIN L. RAMPTON
Governor

GORDON E. HARMSTON
*Executive Director,
NATURAL RESOURCES*

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

OIL, GAS, AND MINING BOARD

GUY N. CARDON
Chairman

CHARLES R. HENDERSON
ROBERT R. NORMAN
JAMES P. COWLEY
HYRUM L. LEE

June 19, 1978

Burton/Hawks, Inc.
P. O. Box 359
Casper, Wyoming 82602

Re: Well No. Right Fork Antelope Canyon 19-1
Sec. 19, T. 6S, R. 4W,
Duchesne County, Utah - March 78 thru' May 78
✓ Well No. Left Fork Antelope Canyon Fed. 23-1
Sec. 23, T. 6S, R. 4W,
Duchesne County, Utah - Jan. 78 thru' May 78

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject well(s).

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form GGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER
RECORDS CLERK

State Lease No. _____
Federal Lease No. U-8939
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE Unnamed

The following is a correct report of operations and production (including drilling and producing wells) for the month of: December, 19 77.

Agent's Address c/o McIlhenny-Adams & Co.
2305 Oxford Lane
Casper, Wyoming 82601
Phone No. 265-4351

Company Burton & Hawks, Inc.
Signed Mary Campbell
Title Production Clerk, Agent

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SW Sec 23	6S	4W	23-1	0	0		0	0	0	OPERATIONS SUSPENDED

GAS: (MCF)

Sold	0
Flared/Vented	0
Used On/Off Lease	0

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month	0
Produced during month	0
Sold during month	0
Unavoidably lost	0
Reason:	
On hand at end of month	0

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. *THIS REPORT MUST BE FILED*

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
533-5771State Lease No. ~~U-8939~~
Federal Lease No. U-8939
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE UnnamedThe following is a correct report of operations and production (including drilling and producing wells) for the month of:
September, 19 77Agent's Address c/o McIlhenny-Adams & Co. Company Burton & Hawks, Inc.
Room 103, 152 N. Durbin Signed Mary Campbell
Casper, Wyoming 82601 Title Production Clerk, Agent
Phone No. 265-4351

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SW Sec 23	6S	4W	23-1	0	0		0	0	0	OPERATIONS SUSPENDED

GAS: (MCF)

Sold 0
Flared/Vented 0
Used On/Off Lease 0

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month 0
Produced during month 0
Sold during month 0
Unavoidably lost 0
Reason: _____
On hand at end of month 0

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771
May 25, 1979

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

Burton/Hawks Inc.
P. O. Box 359
Casper, Wyoming 82601

Re: WELL NO. LEFT FORK ANTELOPE CYN. FED. 23-1
Sec. 23, T. 6S, R. 4W,
Duchesne County, Utah
January 1979 thru' March 1979

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Kathy Avila
KATHY AVILA
RECORDS CLERK

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION1533 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
533 5771State Lease No. _____
Federal Lease No. U-8939
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE UnnamedThe following is a correct report of operations and production (including drilling and producing wells) for the month of:
March, 1979Agent's Address c/o McIlroy-Adams & Co.
2305 Oxford Lane
Casper, Wyoming 82601
Phone No. 265-4351Company Burton & Hawks, Inc.
Signed Patricia E. Spigino
Title Production Clerk, Agent

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SW Sec 23	6S	4W	23-1	0	0		0	0	0	OPERATIONS SUSPENDED

GAS: (MCF)

Sold 0
Flared/Vented 0
Used On/Off Lease 0

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month 0
Produced during month 0
Sold during month 0
Unavoidably lost 0
Reason: _____
On hand at end of month 0DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE UnnamedThe following is a correct report of operations and production (including drilling and producing wells) for the month of:
February, 1979Agent's Address c/o McIlhenny-Adams & Co. Company Burton & Hawks, Inc.
2305 Oxford Lane Signed Patricia E. Senger
Casper, Wyoming 82601 Title Production Clerk, Agent
Phone No. 265-4351

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SW Sec 23	6S	4W	23-1	0	0		0	0	0	OPERATIONS SUSPENDED

GAS: (MCF)

Sold 0
Flared/Vented 0
Used On/Off Lease 0

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month 0
Produced during month 0
Sold during month 0
Unavoidably lost 0
Reason: _____
On hand at end of month 0

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION1538 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
533 5771State Lease No. _____
Federal Lease No. U-8939
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE UnnamedThe following is a correct report of operations and production (including drilling and producing wells) for the month of:
January, 1979Agent's Address c/o McIlhenny-Adams & Co.
2305 Oxford Lane
Casper, Wyoming 82601
Phone No. 265-4351Company Burton & Hawks, Inc.
Signed MICHAEL J. JACOBSON
Title Production Clerk, Agent

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SW Sec 23	6S	4W	23-1	0	0		0	0	0	OPERATIONS SUSPENDED

GAS: (MCF)

Sold 0
Flared/Vented 0
Used On/Off Lease 0

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month 0
Produced during month 0
Sold during month 0
Unavoidably lost 0
Reason: _____
On hand at end of month 0

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the following month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED

FROM

State of Utah
Dept. of Natural Resources
Division of Oil, Gas and Mining
Salt Lake City, Utah

TO

BURTON/HAWKS, INC.
P. O. BOX 359
CASPER, WYOMING 82601

SUBJECT: Monthly reports of operation

DATE: 6-22-78

FOLD ↑

With reference to your letter of 6-19-78 regarding Monthly Reports of Operation on the Right Fork Antelope Canyon #19-1, Sec. 19, T8S-R4W and the Left Fork Antelope Canyon Fed. #23-1, S-c. 23, T8S, R4W, Duchesne County, Utah, please be advised that the Right Fork Antelope Canyon #19-1 was never drilled.

Monthly reports of Operations ~~were~~ the Left Fork Antelope Canyon #23-1 ~~have~~ been sent to your office monthly since June of 1977 on your Form DCCC-4 by our consulting engineering firm, McIlhenny Adams & Co. If a further check of your records fails to turn up the reports from January of this year, please advise and we will send you copies.

SIGNED

Bill Hawks, President

REPLY

DATE:

SIGNED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 71-008939
Communitization Agreement No. NA
Field Name Unnamed
Unit Name NA
Participating Area NA
County Duchesne State Utah
Operator Burton/Hawks, Inc.

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of December, 19 77

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
23-1	NE SW 23	6S	4W	GSI	0	none	none	none	Operations suspended.

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Produced	<u>none</u>	<u>none</u>	<u>none</u>
*Sold	<u>none</u>	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Spilled or Lost	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Flared or Vented	<u>XXXXXXXXXXXXXXXXXX</u>	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Used on Lease	<u>none</u>	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Injected	<u>none</u>	<u>none</u>	<u>none</u>
*Surface Pits	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>none</u>
*Other (Identify)	<u>none</u>	<u>none</u>	<u>none</u>
*On hand, End of Month	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*API Gravity/BTU Content	<u>none</u>	<u>none</u>	<u>XXXXXXXXXXXXXXXXXX</u>

Authorized Signature: Mary Campbell Address: 2105 OXFORD LANE
Title: Production Clerk - Agent CASPER, WY 82501
McIlnay-Adams & Co., Inc. Page 1 of 1

McILNAY-ADAMS & CO., INC.**McILNAY-ADAMS**2305 OXFORD LANE • CASPER, WYOMING 82601
PETROLEUM CONSULTING ENGINEERS & PROPERTY MANAGEMENT

REGISTERED PROFESSIONAL ENGINEERS



Utah Oil & Gas Commission
1588 W. North Temple
Salt Lake City, UT 84116

May 29, 1979

Re: Burton & Hawks Federal #23-1
Federal Lease #U-8939

Ms. Kathy Avila:

As per a telephone conversation with Burton & Hawks 5-29-79, I was notified that you had not received January, February, or March's Report of Operations on the above referenced well. Attached please find a copy of each. These are not the originals as they were mailed 2-15-79, 3-13-79, and 4-10-79 respectively.

If you need additional information on this well, please let me know.

Thank you.

Very truly yours,

McILNAY - ADAMS & CO., INC.

Patricia E. Skogen
Patricia E. Skogen

pes

Enclosures

**Well Comp due - make copy of Rule C-14 send w/ forms*



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE MCINTYRE

CLEON B. FEIGHT
Director

June 13, 1979

McIlnay-Adams & Company, Inc.
2305 Oxford Lane
Casper, Wyoming 82601

Attn: Patricia E. Skogen

Re: Well No. Left Fork Canyon Fed. 23-1
Sec. 23, T. 6S, R. 4W,
Duchesne County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations. Rule C-5, General Rules and Regulations (please see attached), requires that within ninety (90) days after the suspension of operations a well completion log is to be filed with this office.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

KATHY AVILA
RECORDS CLERK



BURTON/HAWKS, INC.

First National Bank Building
P. O. Box 359
Casper, Wyoming 82602
307/234/1593

*According to our records you
have received copies of all
of the logs.*



October 11, 1976

U. S. Geological Survey
8440 Federal Building
125 South State Street
Salt Lake City, Utah, 84111

State of Utah
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah, 84111

Re: Left Fork Antelope Canyon Federal #23-1
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 23, T6S-R4W
Duchesne County, Utah

Gentlemen:

Enclosed please find final prints of the following logs run on the above captioned well: Induction-Electrical, Compensated Formation Density, and Sidewall Neutron Porosity.

A copy of our daily drilling report for this well is enclosed. We will attempt completion at a later date, at which time further information will be furnished.

Yours very truly,

BURTON/HAWKS, INC.

Robert E. Wellborn

Robert E. Wellborn,
Exploration Manager

Enclosures

*cc: all Parties
" Husky (separates sent 10-11-76*

*Cement Bond Log and
Temperature Survey Log
sent in same envelope above
to all Parties + Husky. Separates included*



BURTON/HAWKS, INC.

First National Bank Building
P. O. Box 359
Casper, Wyoming 82602
307/234/1593

Left Fork Antelope Canyon Federal #23-1
NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 23, T6S-R4W
Duchesne County, Utah

DAILY DRILLING REPORT

- 9-5-76 Rigged up. Spudded 6:00 p.m.
- 9-6-76 Set 30' 18" conductor pipe with rotating head.
- 9-7-76 Drilling with air. Drilling 6 $\frac{1}{4}$ " pilot hole @ 300'.
- 9-8-76 Drilled 12 $\frac{1}{2}$ " hole @ 180'.
- 9-9-76 Set 201' 9-5/8" surface pipe @ 200'. Full returns of cement. 350 sx. Class G, 3%. Plug down 6:00 p.m. 9-8-76. Nippling up.
- 9-10-76 Drilling @ 752'. Show of gas @ 725'. Drilling 1 $\frac{1}{2}$ min/ft. w/one compressor. Gauged 50 MCF. 20' drilling break @ 725-45'.
- 9-11-76 Drilling @ 1602'. Made trip @ 1645' for new bit.
- 9-12-76 Drilling @ 2090'.
- 9-13-76 Drilling @ 2620'. Increased water flow @ 2505'. Both compressors on. Gas flow has decreased from shallow zone.
- 9-14-76 Drilling @ 3360'. Drilling ahead. Tested 400 MCF @ 3279'.
- 9-15-76 Made a trip @ 3320'. On bottom @ 3625'.
- 9-16-76 Drilling @ 4434'. Steady increase of gas from 4000'. Will burn with one compressor, 2 compressors blows out. Scum of oil to pits from 3700'.
- 9-17-76 Drilling ahead @ 4796'. Expect top of Wasatch @ 5000'. Will go into Wasatch about 50'.
- 9-18-76 Reached TD of 5043'. Attempted to log and could not get past 3050'. Went back in hole with 7-7/8" bit to ream to bottom.
- 9-19-76 Reaming @ 3000'.
- 9-20-76 Made trip @ 3500'. Back on bottom. Reaming.
- 9-21-76 Out of gauge on old hole. Had to re-ream/ Reaming @ 3930'. Will log about 12:00 p.m. about 300'.
- 9-22-76 Running Pipe. Logged down to 3582'. Ran Compensated Density, Sidewall Neutron Porosity, and IES logs.
- 9-23-76 Ran pipe to 3305. Stuck in hole. Pipe in hole past pay but couldn't circulate. Going in with tubing to blow the hole dry.

Page 2.
LEFT FORK ANTELOPE CANYON FEDERAL #23-1
NE $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 23, T6S-R4W
Duchesne County, Utah

- 9-24-76 Rigged up to change kelly out. Rigged up wellhead. Preparing to drill out float. Trying to circulate.
- 9-25-76 Drilled out float. Attempted to circulate. Would not circulate. Blew hole dry. Attempted to circulate down the annulus. Unsuccessful. Cemented w/50 sx. 50-50 poz, 10% salt, 2% gel, 6/10 of 1% Hallad 9, 2% CaCl.
- 9-26-76 Ran temperature, cement bond log. Top cement 3250'. 93% bond. Went in with tubing and retrievable packer. Blew hole dry. Tried to circulate down backside and conventionally. Unsuccessfully.
- 9-27-76 Four perforations @ 3194-3196. 25 sacks cement. Measured 2500#. Waiting on cement. Will drill out at noon.
- 9-28-76 Pressure tested squeeze job. Started taking fluid @ 1500#. Would take 2 barrels per minute @ 1750#. Preparing to resqueeze with 50 sx.
- 9-29-76 Pressure tested and squeezed perfs with water to 2000 PSI. Perfs opened 1000 to 1500 PSI. Injection rate 2.45 barrels per minute @ 1800 psi. No circulation. Picked up Baker packer. Ran 96 jts. 2-3/8" tubing. Set packer @ 3033. Squeezed with 50 sx. Class G, 3% CaCl. Staged in last 20 sx. in 6 stages in 1 hr. Final standing squeeze pressure 3000 psi. Released packer. Reversed tubing. No excess. Pulled tubing and packer. Waiting on cement. Will drill out cement @ 5:00 p.m. Calculate 84' cement in casing.
- 9-30-76 WOC 23 $\frac{1}{2}$ Hrs. Ran 4-3/4" bit, tagged cement 3104'. Drilled 96' hard cement from 3104-3200'. Cleaned out plug back TD 3299'. Circulated hole clean. Pressure tested casing in perforations to 2500#. Held ok. Pulled tubing and bit. Perforated 3235-3245' with 4" cased gun and 3 jts. per ft. Well stable after perforating. Ran Baker retrievable packer on 2-3/8" tubing. Landed packer @ 3220'. Blew tubing dry with 1000# air pressure. Set packer @ 3220'. Rigged up flow down lines. Opened tubing to bit. Left flowing from 2:00 a.m. to 7:00 a.m. Tubing dead. No gas show.

LEFT FORK ANTELOPE CANYON FEDERAL #23-1
NE $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 23, T6S-R4W
Duchesne County, Utah

- 9-24-76 Rigged up to change kelly out. Rigged up wellhead. Preparing to drill out float. Trying to circulate.
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- 9-30-76 WOC 23 $\frac{1}{2}$ Hrs. Ran 4-3/4" bit, tagged cement 3104'. Drilled 96' hard cement from 3104-3200'. Cleaned out plug back TD 3299'. Circulated hole clean. Pressure tested casing in perforations to 2500#. Held ok. Pulled tubing and bit. Perforated 3235-3245' with 4" cased gun and 3 jts. per ft. Well stable after perforating. Ran Baker retrievable packer on 2-3/8" tubing. Landed packer @ 3220'. Blew tubing dry with 1000# air pressure. Set packer @ 3220'. Rigged up flow down lines. Opened tubing to bit. Left flowing from 2:00 a.m. to 7:00 a.m. Tubing dead. No gas show.
- 10-1-76 Tubing opened to bit. No gas to surface. Picked up B-J. Acidized down tubing with 500 gallons 7 $\frac{1}{2}$ % mud acid, 20,000 cubic feet nitrogen. Spearheaded with 300 cubic feet per barrel of nitrogen in acid and displacement. BDP 2800 psi @ 1 barrel per minute. Average pressure 2500 psi @ 1-3/4 barrel per minute. Casing and tubing communicated with 3 barrels of displacement left. Released packer, pulled 20 stands. Blew hole dry with air. Reran tubing to 3160'. Blew hole dry. Set packer. Opened tubing. No gas to surface. Well dead. Recovered all acid and load water.

LEFT FORK ANTELOPE CANYON FEDERAL #23-1
NE $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 23, T6S-R4W
Duchesne County, Utah

- 10- 4-76: Shut In Pressure 0. No gas to surface. Loaded hole with 80 barrels water. Set packer at 3160'. Casing Pressure 2000#. Held OK. Reset packer 3220'. Pressured casing. Circulated 4 barrels per minute at 4000#. Definite communication between perf. Released packer, pulled tubing, set cast iron plug at 3214'. Reran tubing with packer. Set packer at 3033'. Broke down with 2-3/4 barrel per minute at 2800#. Squeezed with 100 sacks Class G with 2-1/2% chloride. 20 sacks in 6 stages in 1-1/2 hours. Final stage squeeze pressure 3000#. Released packer. Reversed hole with 20 barrels, no cement return. Job completed 6:00 P.M. October 1. Laid down tubing, commenced tearing down rig. Tearing down and moving today, to RIGHT FORK ANTELOPE CANYON FEDERAL #25-1. Waiting on completion tools.
- 10- 5-76: Waiting on completion tools.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	OTHER <input type="checkbox"/>	
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>
2. NAME OF OPERATOR Burton/Hawks, Inc. (MADEX)						
3. ADDRESS OF OPERATOR P.O. Box 359, Casper, Wyoming 82602						
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface NE 1/4 SW 1/4						
At top prod. interval reported below						
At total depth						
14. PERMIT NO.			DATE ISSUED			
5. DATE SPUDDED 9-15-76		16. DATE T.D. REACHED 9-21-76		17. DATE COMPL. (Ready to prod.) Operations Suspended		
20. TOTAL DEPTH, MD & TVD 5043		21. PLUG, BACK T.D., MD & TVD 3299'		22. IF MULTIPLE COMPL., HOW MANY*		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3235-45 Green River Formation		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6791' KB, 6780' GR		19. ELEV. CASINGHEAD		
26. TYPE ELECTRIC AND OTHER LOGS RUN I-ES, FDC-GR, SNP-GR		23. INTERVALS DRILLED BY →		25. WAS DIRECTIONAL SURVEY MADE No		
28. CASING RECORD (Report all strings set in well)		27. WAS WELL CORED No		29. LINER RECORD		
31. PERFORATION RECORD (Interval, size and number) 3235-45 3 jets/ft Note: Perforations are presently open with a cast iron plug at 3214'. Completion is awaiting a gathering system into area.		30. TUBING RECORD following acid.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented while air drilling		35. LIST OF ATTACHMENTS		
DATE FIRST PRODUCTION 9-14-76		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Gage 400 MCF/GPD while air drilling		WELL STATUS (Producing or shut-in) Operations suspended -SI		
DATE OF TEST 9-14 to 17		HOURS TESTED 72		CHOKE SIZE 1/2"		
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE →		
OIL—BBL.		GAS—MCF.		WATER—BBL.		
OIL GRAVITY-API (CORR.)		GAS GRAVITY-API (CORR.)		WATER GRAVITY-API (CORR.)		
TEST WITNESSED BY R. E. Wellborn		TEST WITNESSED BY		TEST WITNESSED BY		
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						
SIGNED Robert E. Wellborn TITLE DATE						

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Green River Fm.	600'	640?	1" to 2" stream of water while air drilling
Green River Fm.	730'	745?	44.2 MCFD declined.
Green River Fm.	2490'	2520'	Increased water flow, no measure
Green River Fm.	3235"	3245'	400 MCFD
Green River Fm.	3695'	3705'	Scum of gas cut oil on pit
Green River Fm.	4700'	4780'	Scum of gas cut oil on pit

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Green River Fm.	Surface		
Green River Fm.	T.D. 5043'		

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
533-5771

Lease No. _____
Federal Lease No. U-8939
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE Unnamed

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
January, 1980

Agent's Address c/o McIlhenny-Adams & Co. Company Burton & Hawks, Inc.
2305 Oxford Lane Signed Patricia A. Logan
Casper, Wyoming 82601 Title Production Clerk, Agent
Phone No. 265-4351

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SW Sec 23	6S	4W	23-1	0	0		0	0	0	OPERATIONS SUSPENDED

RECEIVED

FEB 19 1980

DIVISION OF
OIL, GAS & MINING

GAS: (MCF)

Sold 0
Flared/Vented 0
Used On/Off Lease 0

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month 0
Produced during month 0
Sold during month 0
Unavoidably lost 0
Reason: _____
On hand at end of month 0

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. *THIS REPORT MUST BE FILED*

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
533-5771

e-Lease No. _____
 Federal Lease No. U-8939
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE Unnamed

The following is a correct report of operations and production (including drilling and producing wells) for the month of: February, 1980.

Agent's Address. c/o McIlnay-Adams & Co.
2305 Oxford Lane
Casper, Wyoming 82601
Phone No. 265-4351

Company Burton & Hawks, Inc.
Signed Patricia C. Seeger
Title Production Clerk, Agent

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE SW Sec 23	6S	4W	23-1	0	0		0	0	0	OPERATIONS SUSPENDED

RECEIVED
MAR 17 1980
 DIVISION OF
 OIL, GAS & MINING

GAS: (MCF)

Sold	0
Flared/Vented	0
Used On/Off Lease	0

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month	0
Produced during month	0
Sold during month	0
Unavoidably lost	0
Reason:	
On hand at end of month	0

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. *THIS REPORT MUST BE FILED*



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bancroft, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., DM, Deputy Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 7, 1985

Burton/Hawks Incorporated
P O Box 359
Casper, Wyoming 82602

Gentlemen:

Re: Well No. L Fork Antelope Cyn Fed 23-1 - Sec. 23, T. 6S., R. 4W.
Duchesne County, Utah - API #43-013-30405

According to information received by this office, the above referenced well is no longer operated by your company. We have not received the proper notification concerning this change.

Please submit a "Sundry Notice", form OGC-1b, with the name, address and phone number of the new operator and the date the change became effective. If there are any other wells affected, please submit a separate sundry for each well. We have enclosed forms for your convenience.

Your prompt attention to this matter will be greatly appreciated.

Sincerely,

Pam Kenna
Well Records Specialist

cj
Enclosure
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
0063S-41

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-8939
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Burton/Hawks, Inc.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 359, Casper, WY 82602		8. FARM OR LEASE NAME Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2785' FNL/1750' FWL		9. WELL NO. 23-1
14. PERMIT NO. 43-013-30405		10. FIELD AND POOL, OR WILDCAT Left Fork Antelope Canyon
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 6780' GL 6791' KB		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T6S-R4W
12. COUNTY OR PARISH Duchesne		13. STATE Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operations were suspended in October, 1976 following attempts to stimulate perforations at 3235-45'. We intend to abandon this well by setting 25 sacks of cement directly above the perforated interval, another 10 sacks at the surface and 25 sacks in the 5½" x 9-5/8" annulus. Work will begin immediately.

Federal approval of this action
is required before commencing
operations.

**ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: 5/22/85

BY: John R. Daga

18. I hereby certify that the foregoing is true and correct

SIGNED

Mary Johnson
For Steve Richardson

TITLE

Engineer

DATE 5/13/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

BURTON/HAWKS

PO4

May 13, 1985

RECEIVED

MAY 16 1985

State of Utah Natural Resources
3 Triad Center - Suite 350
355 W. North Temple
Salt Lake City, UT 84180-1203

DIVISION OF OIL
GAS & MINING

Attn: Pam Kenna
Well Records Specialist

Re: Well No. L. Fork Antelope Canyon Federal 23-1
Sec. 23, Township 6 South, Range 4 West
Duchesne County, Utah
API #43-013-30405

Well No. Nutter's Ridge Federal 13-1
Sec. 13, Township 6 South, Range 5 West
Duchesne County, Utah
API #43-013-30421

Ladies & Gentlemen:

Enclosed, in triplicate, are Sundry Notices for the above referenced wells. As you will notice, work was suspended on both of these wells and our intent is to abandon both.

If further information is needed, please contact Steve Richardson of this office.

Sincerely,

BURTON/HAWKS, INC.

Mary Bohannon

Mary Bohannon (Mrs.)
for Steve Richardson,
Engineer

/b
Enclosures



Burton/Hawks, Inc.
735 First Interstate Building
Post Office Box 359
Casper, Wyoming 82602
(307)234-1593



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 25, 1985

Burton Hawks, Inc.
P O Box 359
Casper, Wyoming 82602

Gentlemen:

Re: Well No. L. Fork Antelope Cyn. Fed. 23-1 - Sec. 23, T. 6S.,
R. 4 W., Duchesne County, Utah - API #43-013-30405

Our office received a Notice of Intention to Abandon the above referenced well dated May 13, 1985. As of the date of this letter we have not received a subsequent notice.

If this well has been plugged and abandoned, please return the enclosed Sundry Notice indicating the plugging procedure used and the date the work was completed.

Thank you for your cooperation in this matter.

Sincerely,

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/88

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT THIS FORM TO THE
 (On the reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
 Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		RECEIVED JUL 01 1985 DIVISION OF OIL, GAS & MINING	5. LEASE DESIGNATION AND SERIAL NO. U-8939
2. NAME OF OPERATOR Burton/Hawks, Inc.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 359, Casper, WY 82602			7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2785' FNL/1750' FWL			8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-013-30405		15. ELEVATIONS (Show whether OF, RT, OR, etc.) 6780' GL, 6791' KB	9. WELL NO. 23-1
			10. FIELD AND POOL, OR WILDCAT Left Fork Antelope Canyon
			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T6S-R4W
			12. COUNTY OR PARISH Duchesne
			13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐
☐

FULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

☐
☐
☐
☐
☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

☐
☐
☐
☐

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

☐
☐
☐
☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5/16/85 - Moved in Gamache Well Service Rig #17 from Nutter's Ridge #13-1 P&A job completed earlier today. RU on well. Tallied 2 3/8" tubing and ran in 101 joints PBTD. Tagged up solid at 3150' KB (Perfs 3235-45). POH & LD tubing. WBIH w/4 joints. RU Halliburton. Pumped 15 sacks for surface plug. LD tbg. Hooked up to backside and pumped 25 sacks Class A cement down 5 1/2" x 9 5/8" annulus. Released Halliburton and rig. Restoration complete except for reseedling.
 NOTE: BLM representative was on location.

ACCEPTED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING

DATE: 7/2/85

BY: *John R. Day*

18. I hereby certify that the foregoing is true and correct

SIGNED

Steve Richardson
 Steve Richardson

TITLE

Engineer

DATE 6/28/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

R. 44

U.S.B. & Mer.

PUBLIC LAND:

Date May 24, 1976

Ref. No. #6

Land office Utah State Utah

Serial No. U-8939 County Duchesne

Lessee King Resources Co.
Natural Resources Corp. Field W/S C

Lessee Natural Resources Corp. Field W/S C

Operator Burton/Hawks, Inc. District Salt Lake City

Well No. #23-1 Subdivision NE SW

Location 1725' FWL & 2785' FNL

Drilling approved July 28, 19 76 Well elevation 6780 Ungraded Gr. feet

Drilling commenced Sept 5, 19 76 Total depth 5043' PBTD 3299 feet.

Drilling ceased Sept 21, 19 76 Initial production *400 MCFGPD / 72 hrs

Completed for production ******_____, 19____ Gravity A. P. I. _____

~~FAN~~
~~Abandonment~~ approved Sept 23, 1992 Initial R. P. _____

Geologic Formations

Productive Horizons

Surface

Lowest tested

Name _____

.Depths

Contents

Green River	Green River	Green River	3235-3245' (3 SPF)	Gas
-------------	-------------	-------------	-----------------------	-----

WELL STATUS

[illegible]

REMARKS _____ geologic markers: see well file

casing record: 18" conductor @ 30'

9 5/8" cc @ 200' w/250 sxs.

5 1/2" cc @ 3305' w/50 sxs.

SEP 30 1992

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☐ RE-ENTRY DEEPEN ☐ PLUG BACK ☐

1b. TYPE OF WELL
OIL GAS
WELL ☒ WELL ☐ OTHER
SINGLE MULTIPLE
ZONE ☒ ZONE ☐

2. NAME OF OPERATOR
Medallion Exploration

3. ADDRESS OF OPERATOR
P.O. Box 1328 Roosevelt, Utah 84066 435-722-4600

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At Surface 2400' FSL AND 1716' FWL, NE/SW, SEC. 23

At proposed Prod. Zone

43-013-30405

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

25.7

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY
OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

1716'

16. NO. OF ACRES IN LEASE

2,222.74

17. NO. OF ACRES ASSIGNED TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL,
DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

P&A WELL APPROX 4100' IN SEC. 24

19. PROPOSED DEPTH

3305'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6786'

22. APPROX. DATE WORK WILL START*

UPON APPROVAL AND AVAILABILITY OF RIG

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	?	182'	250 SKS CLASS G. PUMPED 09-09-1976
7 7/8"	5 1/2"	?	3305'	50 SKS 50/50 POZ. 09-20-1976

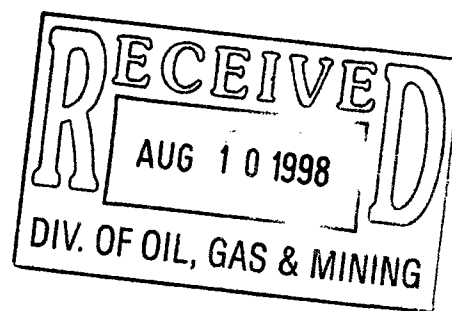
Medallion exploration proposes to cut off dry hole marker and install 11"x 3 M casing and 7 1/16"x 5M tubing spools.
Drill out cement plugs down to 3214'. Pressure test 5 1/2" csg to 2000 psi. If csg does not test re-squeeze
squeeze holes @ 3194-96' w/ 50 sks cmt. If 5 1/2" csg tests drill out CIPB @ 3214' and clean out down to 3299'.
Perforate zone 3235-45', 10 net feet, 3 jsp, w/ 4" expendable csg guns. Sand frac if necessary.
If well is completed as a producer then a sundry well be sent showing where surface equipment is to be set.
If well is not a producer when well will be plugged and location reclaimed as per USFS and BLM recommendations.

339324.7
1147 1687.5

This APD is also a request for a right of way.

All operations will be covered under Medallion Explorations federal bond #UT- 1066

c: 2- USFS Vernal
c: 3- BLM Vernal
c: 2- State of Utah Div. Of Oil, Gas and Mining



IN ABOVE SPACE DESCRIBE PROPOSE DRILLING PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Arthur Lamb

TITLE FIELD SUPERINTENDENT

DATE

8/8/98

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE.)

PERMIT NO.

43-013-30405

APPROVAL DATE

BRADLEY G. HILL

APPROVED BY

Bradley G. Hill

RECLAMATION SPECIALIST III DATE

9/3/98

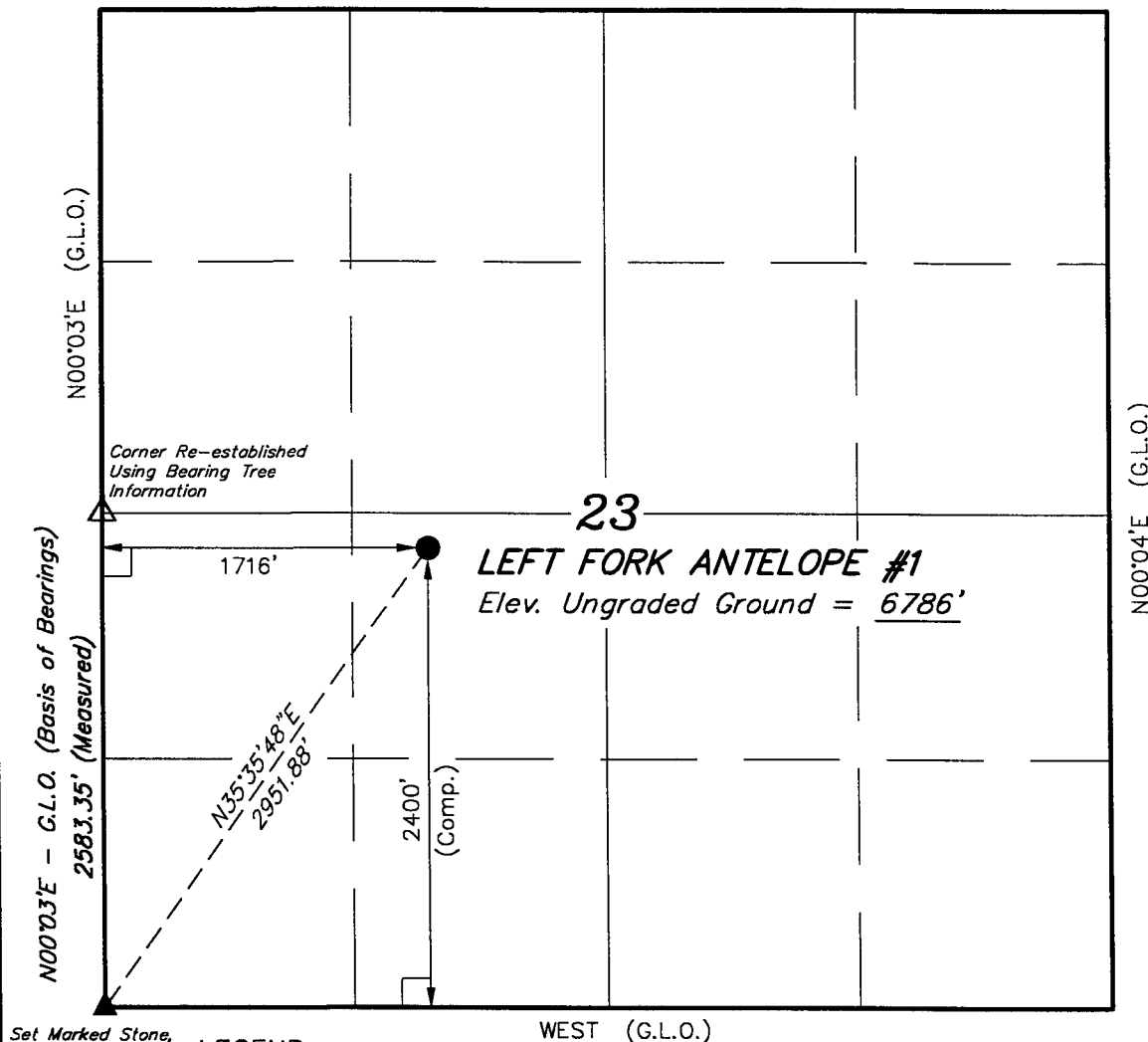
CONDITIONS OF APPROVAL, IF ANY

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Federal Approval of this
Action is Necessary**

T6S, R4W, U.S.B.&M.

EAST - 79.90 (G.L.O.)



Set Marked Stone,
Pile of Stones

LEGEND:

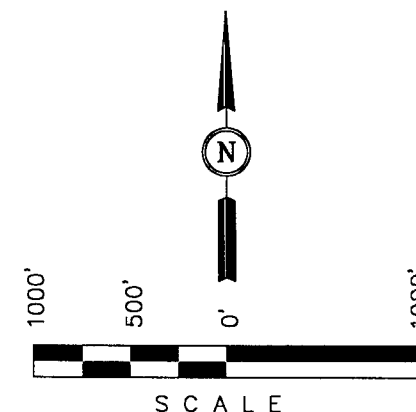
- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED.

MEDALLION EXPLORATION

Well location, LEFT FORK ANTELOPE #1, located as shown in the NE 1/4 SW 1/4 of Section 23, T6S, R4W, U.S.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

TRIANGULATION STATION GILSONITE LOCATED IN THE SE 1/4 OF SECTION 13, T6S, R4W, U.S.B.&M. TAKEN FROM THE ANTHRO MTN. NE, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7370 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Ray
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 7-2-98	DATE DRAWN: 7-6-98
PARTY G.S. C.G. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE MEDALLION EXPLORATION	

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/10/98

API NO. ASSIGNED: 43-013-30405

WELL NAME: LEFT FORK ANTELOPE 1 (REENTRY)
OPERATOR: MEDALLION EXPLORATION (N5050)
CONTACT: Steven Lamb (435) 722-4600

PROPOSED LOCATION:
NESW 23 - T06S - R04W
SURFACE: 2400-FSL-1716-FWL
BOTTOM: 2400-FSL-1716-FWL
DUCHESNE COUNTY
WILDCAT FIELD (001)

LEASE TYPE: OW
LEASE NUMBER: UTU-77315
SURFACE OWNER: Federal

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State[] Fee[]
(No. KT-1066)
☒ Potash (Y/N)
☒ Oil Shale (Y/N) *190-5 (B)
☒ Water Permit
(No. 43-1721)
☒ RDCC Review (Y/N)
(Date: _____)
☒ St/Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☐ R649-2-3. Unit _____

☐ R649-3-2. General

☒ R649-3-3. Exception

☐ Drilling Unit

☐ Board Cause No: _____

☐ Date: _____

COMMENTS: * Need add'l info. "Except. Loc." (Rec'd 8-31-98)

* Footage correction "see Survey Plat". (Fr. 2785 FNL 1725 FWL)

STIPULATIONS: ① FEDERAL APPROVAL

GRANT EXCEPTION LOCATION



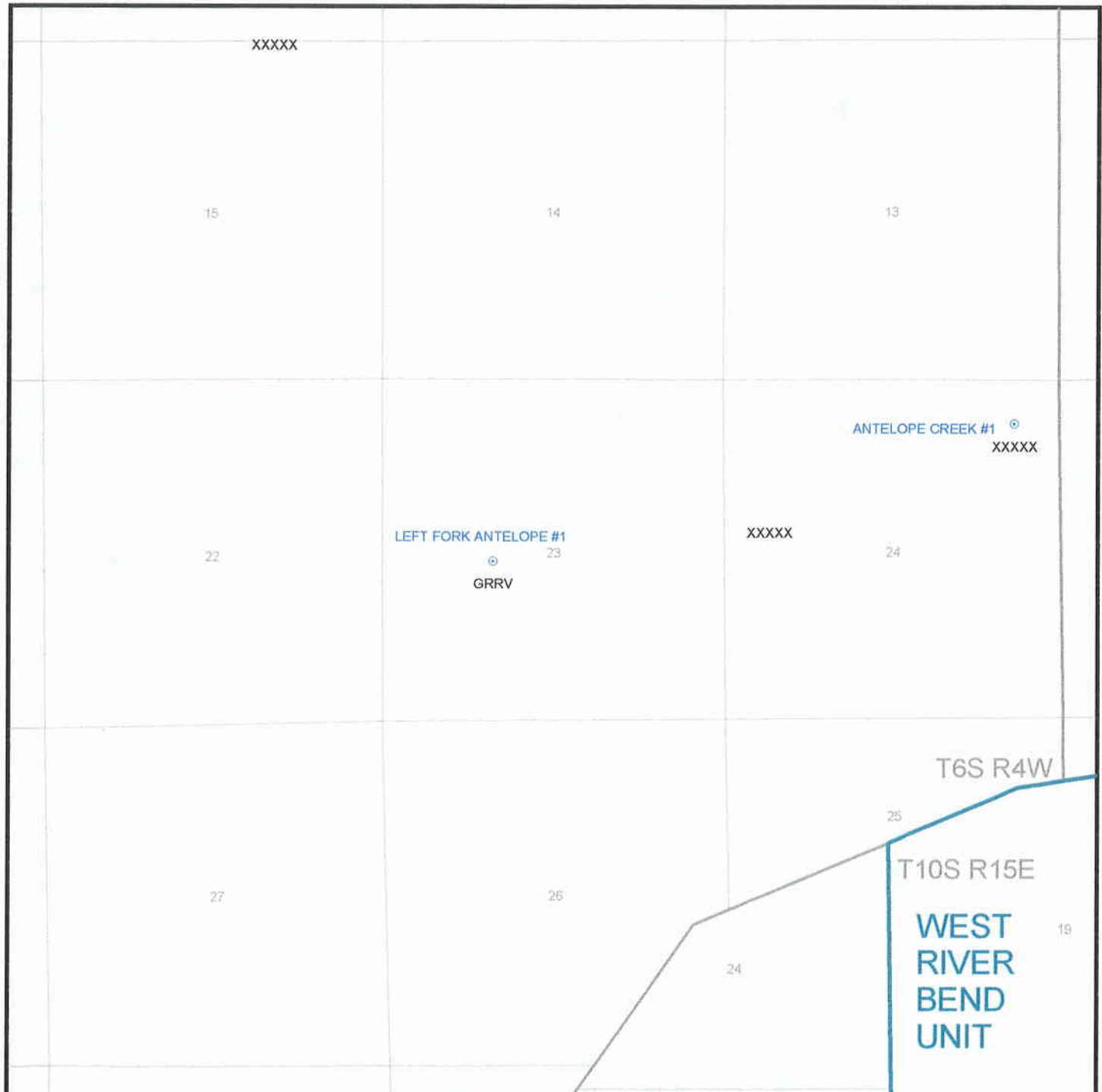
DIVISION OF OIL, GAS & MINING

OPERATOR: MEDALLION EXPLORATION (N5050)

FIELD: WILDCAT (001)

SEC. 23 & 24, TWP 6S, RNG 4W

COUNTY: DUCHESNE UAC: R649-3-2 STATEWIDE &
R649-3-3 EXCEPTION



DATE PREPARED:
18-AUG-1998

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBSIDY TRIMMINGS
(Other instructions on
reverse side)

Form approved

at Bureau No. 1004-211b
January 21, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK: DRILL ☐ RE-ENTRY ☐ DEEPEN ☐ PLUG BACK ☐

2. TYPE OF WELL:
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

3. NAME OF OPERATOR
Medallion Exploration

4. ADDRESS OF OPERATOR
P.O. Box 1234 Thompson, Utah 84000

5. LOCATION OF WELL (Report location clearly and accurately with any State requirements.)

U Surface 2400' FSL AND 1716' FWL, N&SW, SEC. 23

U proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
25.7

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)
1716'

16. NO. OF ACRES IN LEASE
2,222.74

17. NO. OF ACRES ASSIGNED TO THIS WELL
640

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
P&A WELL APPROX 4100' IN SEC. 24

19. PROPOSED DEPTH
3305'

20. ROTARY OR CABLE TOOL
ROTARY

21. APPROX. DATE WORK WILL START
UPON APPROVAL AND AVAILABILITY OF RIG

22. ELEVATIONS (Show whether OF, RT, GR, etc.)
6786'

23. PROPOSED CASING AND CEMENTING PROGRAM

24. SIZE OF HOLE
12 1/4"

25. SIZE OF CASING
9 5/8"

26. WEIGHT FOOT
?

27. SETTING DEPTH
182'

28. QUANTITY OF CEMENT
150 SKS CLASS G, PUMPED 00-09-1976

29. 7 7/8"

30. 5 1/2"

31. 3305'

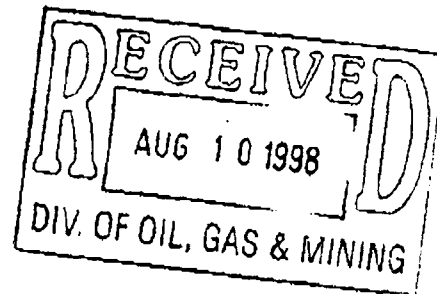
32. 60 SKS 50/60 POZ. 00-20 976

Medallion exploration proposes to cut off dry hole marker and install 11"x 3 M casing and 7 1/16"x 5M tubing spools. Drill out cement plugs down to 3214'. Pressure test 5 1/2" csg to 2000 psi. If csg does not test re-squeeze squeeze holes @ 3194-96' w/ 50 sks crnt. If 5 1/2" csg tests drill out CIPB @ 3214' and clean out down to 3289'. Perforate zone 3235-45', 10 net feet, 3 jsfp, w/ 4" expendable csg guns. Sand frac if necessary. If well is completed as a producer then a sundry well be sent showing where surface equipment is to be set. If well is not a producer when well will be plugged and location reclaimed as per USFS and BLM recommendations.

This APD is also a request for a right of way.

All operations will be covered under Medallion Explorations federal bond #UT- 1066

- c: 2- USFS Vernal
- c: 3- BLM Vernal
- c: 2- State of Utah Div. Of Oil, Gas and Mining



1. ABOVE SPACE DESCRIBE PROPOSED DRILLING PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface conditions and measured and true vertical depths. Give blowout prevention program, if any.

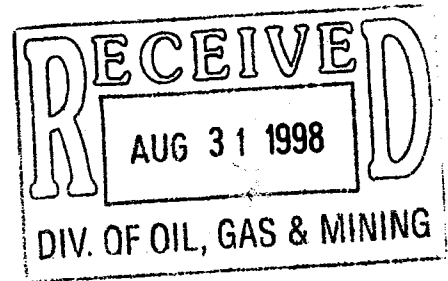
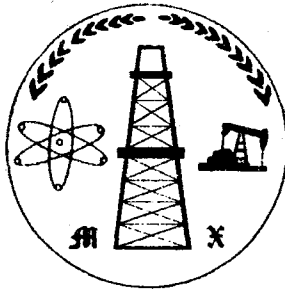
SIGNED Arthur Clark TITLE FIELD SUPERINTENDENT DATE 8/3/98

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

PERMIT NO. 43-013-30405 APPROVAL DATE BRADLEY G. HILL
APPROVED BY [Signature] RECLAMATION SPECIALIST III DATE 9/3/98

18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make in any document or record of the United States, any false or fraudulent statements or representations, or to knowingly conceal or withhold information.

Federal Approval of this
Action is Necessary



MEDALLION EXPLORATION

August 20, 1998

Utah State
Division of Oil, Gas and Mining
Attn: Lisha Cordova
Box 145801
Salt Lake City, Utah 84114-5801

RE: Sec 23, T6S, R4W

Dear Ms. Cordova:

Medallion Exploration is 100% Interest Owner in all of section 23, T6S, R4W, which includes the 460' radius of wellbore.

Because this is a Re-entry on an existing wellbore, Medallion Exploration is requesting an exception to R649-3-2 for this location.

If you have any questions, please contact me at the phone numbers listed below.

Sincerely,

Steve Lamb

SL/rr

ONSHORE ORDER NO
MEDALLION EXPLORATION, INC.
Left Fork Antelope #1
 1716' FWL and 2400' FNL
 NE SW Sec 23, T6S - R4W
 Duchesne County, Utah

Lease No. UTU-77315

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

All Lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representatives to insure compliance.

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Green River	Surface	+6786'
Tgr3	2593'	+4193'
T.D.	3305'	+3481'

2. **Estimated Depths of Anticipated Water, Oil, Gas or Minerals Formation**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil & Gas	Greenriver	3235'
T.D		3305'

All fresh water prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. **Pressure Control Equipment: (No Schematic is required)**

Medallion Exploration minimum specifications for pressure control equipment are as follows:

Ram Type: 7 1/16" Hydraulic double , 5000 psi w.p.

Ram type preventors and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

No Annular type preventers will be used for this re-entry.

No pressure testing nor BOP diagram is required because the casing has been set and cemented.

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DRILLING PROGRAM

As a minimum, a test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

- a. The size and rating of the BOP stack need not be shown on a diagram., most of the equipment for this depth of hole in the area use a 3000 psi working pressure blowout preventor.
- b. The accumulator system shall have a pressure capacity to provide for repeated operations of hydraulic preventers.
- c. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

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DRILLING PROGRAM

4. proposed Casing and Cementing Program:

- a. All indications of usable water shall be reported.
- b. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- c. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not exceed 70 percent of the minimum internal yield. If pressure declines more than 1- percent in 30 minutes, corrective action shall be taken.

- d. The casing in the well was run as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	<u>NEW Or Used</u>
Surface	0-182'	12-1/4"	9-5/8"	24#	?	?	
Production	0-3305'	7-7/8"	5-1/2"	?	?	?	

- e. The cement program was pumped as follows:

<u>Surface</u>	<u>Type and Amount</u>
0-182'	350sxs G
<u>Production</u>	<u>Type and Amount</u>
	50 sxs 50-50 poz
	cmt top @ 3250'. Sqz 25 sks &
	re-sqz 50 & 100 sks @ 3194-96'

The following reports shall be filed with the District Manager within 30 days after the work is completed.

1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
 - a. Weekly progress report. Show the spud date on the first reports submitted.

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DRILLING PROGRAM

f. Auxiliary equipment to be used is as follows:

1. Kelly cock
2. No bit float is deemed necessary.
3. A sub with a full opening valve.

5. **Mud Program:**

a. The proposed circulating mediums to be employed in drilling are as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>F/L</u>	<u>PH</u>
0-3305'	3% KCL	8.4-8.6	N/C	NC	N/C

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations.

b. Mud monitoring equipment to be used is as follows:

1. Periodic checks will be made each tour of the mud system. The mud level will be checked visually.
- c. No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.
- d. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.
- e. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

**ONSHORE ORDER NO
MEDALLION EXPLORATION, INC.**
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Duchesne County, Utah

Lease No. UTU-77315

DRILLING PROGRAM

6. **Evaluation Program:**

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are anticipated, however, if they are run the following will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DST's may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program consisted of a DIL-GR form T.D. to base of surface casing with the GR to surface. A CNL-FDC and FMI will be run from T.D. to 1000' (minimum run). A DSI-GR will be run for T.D. to base of surface casing.
- c. No cores will be taken.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).
- e. The anticipated completion program is as follows:

The Greenriver formations will be perforated, tested and sand fraced, if necessary cement squeeze 5 1/2" csg above pay zones.

**ONSHORE ORDER NO
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DRILLING PROGRAM

- f. Daily drilling and completion progress reports shall be submitted to the BLM in Vernal on a weekly basis.

7. Abnormal Temperatures of Pressures

- a. No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area.
- b. The maximum anticipated bottom hole pressure will be approximately 900 psi at T.D.

8. Anticipated Starting Dates and Notification of Operations:

- a. Drilling will commence immediately upon approval of this application.
- b. It is anticipated that the re-entry of this well will take approximately 4 days. The completion will take about 15 days.
- c.
- d. The Vernal District Office shall be notified, during regular work hours (7:45 a.m. – 4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.
- e. Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.
- f. The date on which productions is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

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Duchesne County, Utah

Lease No. UTU-77315

DRILLING PROGRAM

- g. Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operation may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.
- h. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the A.O. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.
- i. The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.
- j. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.
- k. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- l. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

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DRILLING PROGRAM

- m. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.
- n. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.
- o. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.
- p. A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3 and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.
- q. A first production conference will be scheduled within 15 days after receipt of the first production notice.
- r. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.
- s. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

ONSHORE OIL & GAS ORDER NO. 1

NOTIFICATION REQUIREMENTS

Location Construction -	forty-eight (48) hours prior to construction of location and access roads.
Location Completion -	prior to moving on the drilling rig.
Spud Notice -	at least twenty-four (24) hours prior to spudding the well.
Casing string and - Cementing	twenty-four (24) hours prior to running casing and cementing all casing strings.
BOP and Related - Equipment Tests	twenty-four (24) hours prior to initiating pressure tests.
First Production - Notice	within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

The onsite inspection for the subject well was conducted on Wednesday, July, 29, 1998 at approximately 9:30 a.m. Weather conditions were warm and sunny. In attendance at the onsite inspection were the following individuals:

Craig Darlington
Chauncie Todd
Barry Burkhardt
Steven Lamb
Gene Caldwell
John E. Fausett
Jim Justice

Bureau of Land Management
USFS
USFS
Medallion Exploration
Medallion Exploration
Fausett INC. Construction
J-West Constuction

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

1. Existing Roads

- a. The proposed well site is located approximately 25.7 miles southwest of Myton, Utah.
- b. Directions to the location from Myton, Utah is as follows:

Proceed in a southwesterly direction from Myton along highway 40 approximately 8.8 miles to the junction of this road and an existing road to the south. Turn left and proceed in a southerly then southwesterly direction along the Antelope Canyon road approximately 6.6 miles to the junction of this road and an existing road to the southeast; turn left and proceed in a southeasterly, then southwesterly direction approximately 4.2 miles to the junction of this road and an existing road to the south; then turn left and proceed in a southerly direction approximately 6.1 miles to the beginning of the proposed access road to the east; follow road flags in an westerly direction approximately 10' to the proposed location.
- c. For location of access roads within a 2-Mile radius, see Maps A & B.
- d. Improvement to the existing access will not be necessary.
- e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

2. Planned Access Roads

- a. Approximately 10 feet of new construction will be required as shown on Map A.
- b. The maximum grade of the new construction will be approximately 0%.
- c. No turnouts are planned.
- d. No low water crossings will be necessary. There are no major cuts and fills. No culverts and/or bridges will be required.
- e. The use of surfacing material is not anticipated, however it may be necessary depending on weather conditions.
- f. No cattle guards will be installed.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
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Lease No. UTU-77315

SURFACE USE PLAN

- g. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- h. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989).
- i. The road will be constructed/upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowing and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainage's be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.
- j. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produce, stored, transported, or disposed of in association with the drilling of this well.
- l. A right of way will be necessary for access roads and pipeline located outside of Lease No. UTU-77315. Total length of the right of way will be approximately 3 miles. An additional 2900' is located within the lease. Right of Way may be issued to the wellhead if preferred by your office.

For location of right of way, please see Map "A" attached. The following USFS acreage will be affected:

T6S-R4W

Sec. 14:

Sec. 12:

Sec. 1

There are no related structures or facilities planned at this time.

The right of way is requested for 30 years or the entire life of the producing well, whichever is longer.

The road will be used year-round for maintenance of production facilities. Only flat blading of the existing roadway will be required at this time. No temporary work areas will be needed.

Medallion Exploration
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2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

Attached is the application and monitoring fee in the amount of \$175.00.

3. Location of Existing Wells Within a 1-Mile Radius of the Proposed Location.
(See Map #C).

- a. Water wells - none.
- b. Injection wells - none
- c. Producing wells - none
- d. Drilling wells - none
- e. Shut-in wells - none
- g. Disposal wells - none
- h. Abandoned wells - one
- i. Dry Holes- none

4. Location of Tank Batteries and Production Facilities.

- a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted Desert Tan (10YR6/3). All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.
- b. If storage facilities/tank batteries are constructed on this lease, the facility battery or the well pad shall surrounded by a containment dike of sufficient capacity to contain at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.
- c. A Sundry Notice will be submitted showing placement of all production facilities prior to construction.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

- d. All loading lines will be placed inside the berm surrounding the tank battery.
- e. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flow line will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.
- f. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.
- g. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.
- h. Any necessary pits will be properly fenced to prevent any wildlife entry.
- i. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.
- j. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
- k. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- l. The road will be maintained in a safe useable condition.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

5. Location and Type of Water Supply

- a. All water needed for re-entry purposes will be obtained from Kenneth and Barbara Richens permit # 43-1721. Located in Sec. 34, T3S, R2W. A copy of the permit identifying the permit number and point of diversion is attached.
- b. Water will be hauled to location over the roads marked on Maps A and B.
- c. No water well is to be drilled on this lease.

6. Source of Construction Material

- a. Surface and subsoil materials in the immediate area will be utilized.
- b. Any gravel used will be obtained from a commercial source.
- c. The use of materials under BLM or USFS jurisdiction will conform with 43 CFR 3610.2.3, Construction material will not be located on lease.
- d. No construction materials will be removed from Federal land.

7. Methods of Handling Waste Disposal

- a. No reserve pit will be constructed for this re-entry.
- b. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.
- c. After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.
- d. Drill cuttings are to be contained and buried in the flare pit.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

- e. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- f. A chemical porta-toilet will be furnished with the drilling rig.
- g. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.

8. Ancillary Facilities

There are no airstrips, camps or other facilities planned during the drilling of the proposed well.

9. Well Site Layout

- a. The operator or his/her contractor shall contact the USFS Office at 435-789-1181 forty-eight-- (48) hours prior to construction activities.
- b. The flare pit will be located on the southwest side of the location.
- c. The flare pit will be located downwind of the prevailing wind direction on the southwest side of location, a minimum of 100 feet from the well head.
- d. The stockpiled topsoil (first six inches) will be stored in a windrow fashion on the north side of the location between points 2 & 8. If and when well is completed as an producer it will have a seed mix as per USFS spread over topsoil stockpile and tracked in with dozer. There will be no spoils stockpile.
- e. Access to the well pad will be from the East between points 2 and 3.
- f. See Location Layout for orientation of rig.
- g. The location of mud tanks; flare pit, trash cage; pipe racks and soil stockpiles will be shown on the Location Layout.
- h. During construction, all brush will be removed form the well pad and access road and stockpiled separately from the topsoil.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

- i. All pits will be fence according to the following minimum standards:
 - 1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
 - 2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
 - 3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
 - 5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

- j. There will be no reserve pit.

10. Plans for Restoration of Surface

Producing Location

- a. Immediately upon well completion the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
- c. Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer.
- d. The seed mixture for reclamation work will be a sight specific mixture as recommended by the authorized officer of the USFS at the time of reclamation.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

Seeding will be performed in the fall after September 15 or until permanent ground freeze. Any other seeding period will require the approval of the authorized officer of the USFS.

- e. The topsoil stockpile will be seeded as noted above.

Dry Hole

- f. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and USFS will attach the appropriate surface rehabilitation conditions of approval.

11. Surface Ownership

Access Roads - All roads are County maintained or managed by the USFS with the exception of the upgraded access road located in Sections 23.

Well pad - The well pad is located on lands managed by the USFS.

12. Other Information

- a. A Class III archeological survey was deemed unnecessary because we are using only the old well pad.
- b. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archeological sites, or for collecting artifacts. If historic or archeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the Operator as to:
- whether the materials appear eligible for the National Register of Historic Places;
 - the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
 - at a time frame for the AO to complete and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- c. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- d. Drilling rig and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure.
- e. No erosion control structures will be required by the USFS unless well is completed as a producer. Then a drainage ditch well need some work where it drains into the wash to the west of location.
- f. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.
- g. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.
- h. There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned will be identified in accordance with 43 CFR 3162.
- i. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- j. This permit will be valid for a period of one year from the date of approval. An extension period may be granted, if requested, prior to the expirations of the original approval period. After permit termination, a new application will be filed for approval for any future operations.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

- k. The operator or his contractor shall contact the BLM Offices at 435-789-1362 and the USFS at 435-789-1181 48 hours prior to construction activities.
- l. The USFS Office shall be notified upon site completion prior to moving on the drilling rig.
- m. In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Keneska	Petroleum Engineer	435-781-1190
Ed Forsman	Petroleum Engineer	435-789-7077
BLM Fax Machine		435-789-3634
Chauncie H. Todd	Lands/Minerals	435-789-5114

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

13.

Lessee's or Operator's Representative and CertificationPermit Matters

Medallion Exploration
P.O. Box 1328
Roosevelt, Utah, 84066
435-722-4600 (O) Steve Lamb
435-646-3441 (H)
435-722-7500 (M)

Drilling & Completion Matters

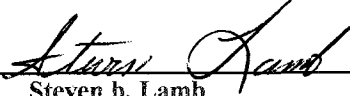
MEDALLION EXPLORATION
P.O. Box 1328
Roosevelt, Utah 84066
435/722-4600 (O) Steve Lamb
435/646/3441 (H)
435/722-7500 (M)

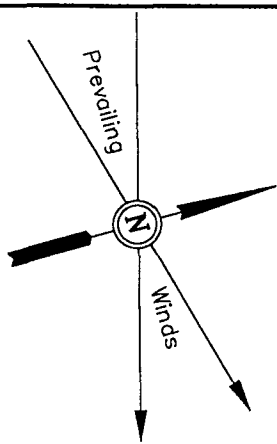
Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Medallion Exploration and its contractors and sub contractors in conformity with the plan and the terms and conditions under which it is approved.

This statement is subject to the provisions of 18.U.S.C. 100 for the filing of a false statement.

August 6, 1998


Steven b. Lamb
Field Supt.
Medallion Exploration.



MEDALLION EXPLORATION

LOCATION LAYOUT FOR

LEFT FORK ANTELOPE #1
SECTION 23, T6S, R4W, U.S.B.&M.
2400' FSL 1716' FWL

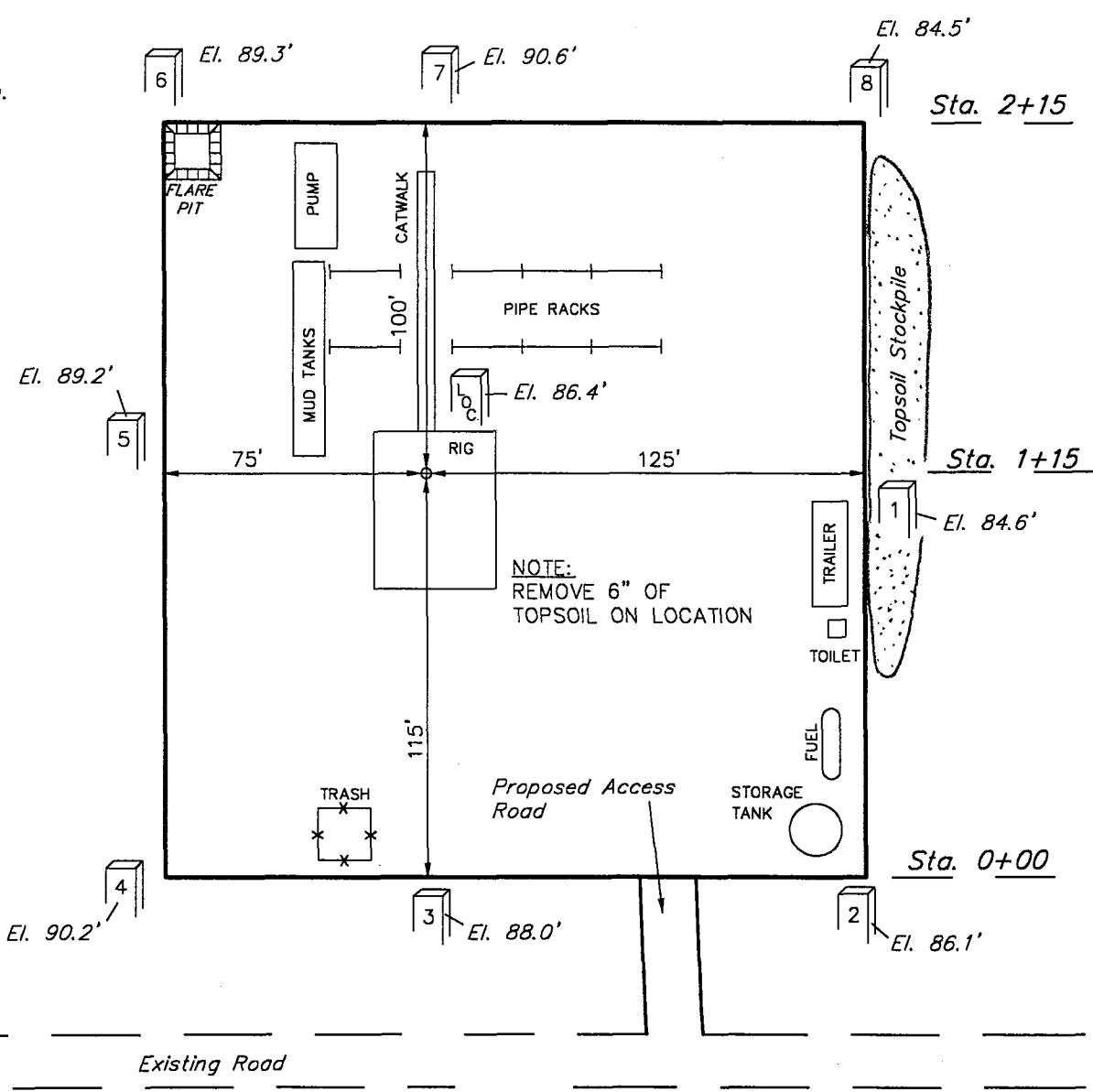


SCALE: 1" = 50'
DATE: 7-6-98

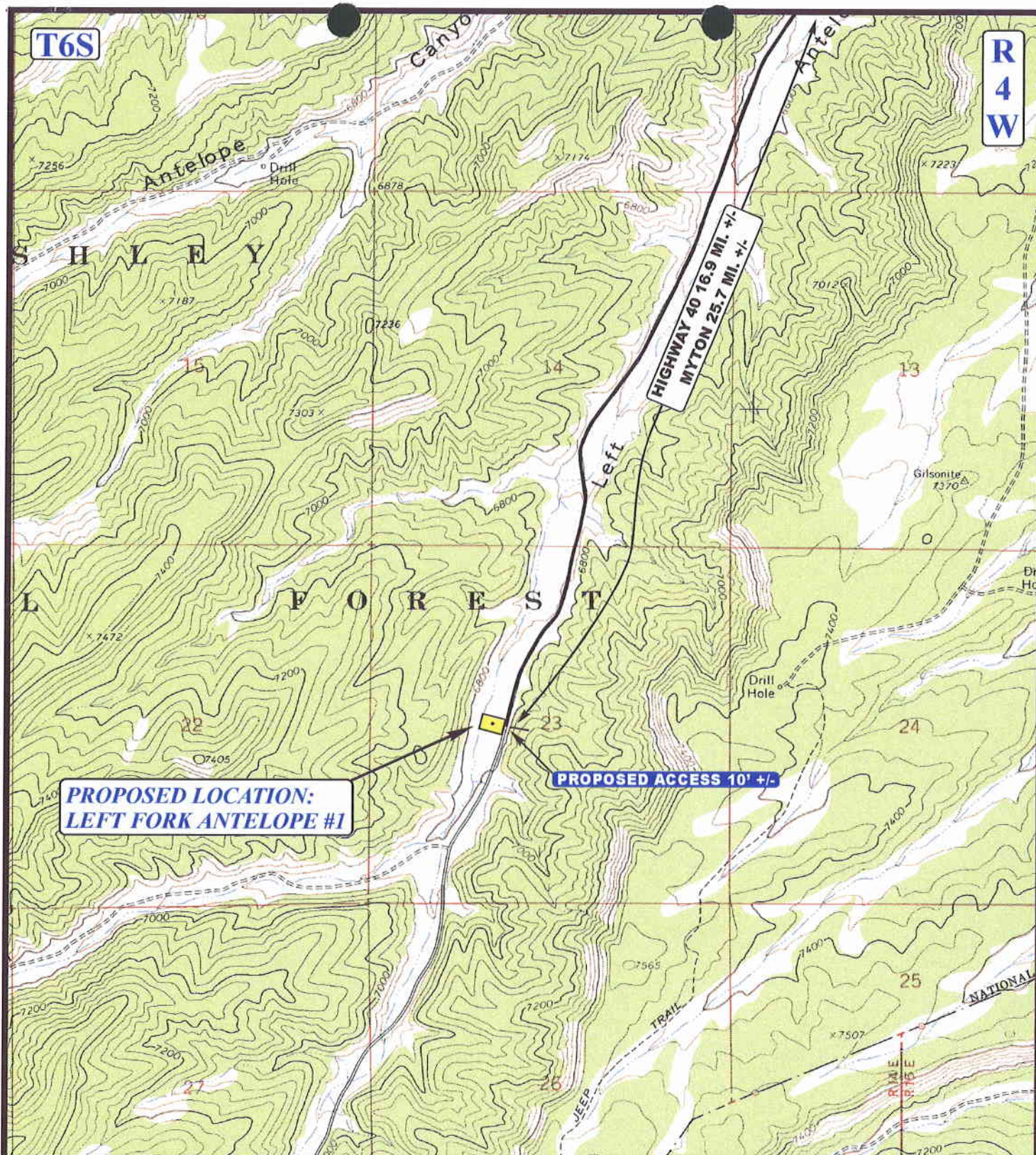
Drawn By: C.B.T.
Revised: 7-30-98 C.B.T.

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



Elev. Ungraded Ground at Location Stake = 6786.4'



LEGEND:

--- PROPOSED ACCESS ROAD
 — EXISTING ROAD

MEDALLION EXPLORATION

LEFT FORK ANTELOPE #1
SECTION 23, T6S, R4W, U.S.B.&M.
2400' FSL 1716' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

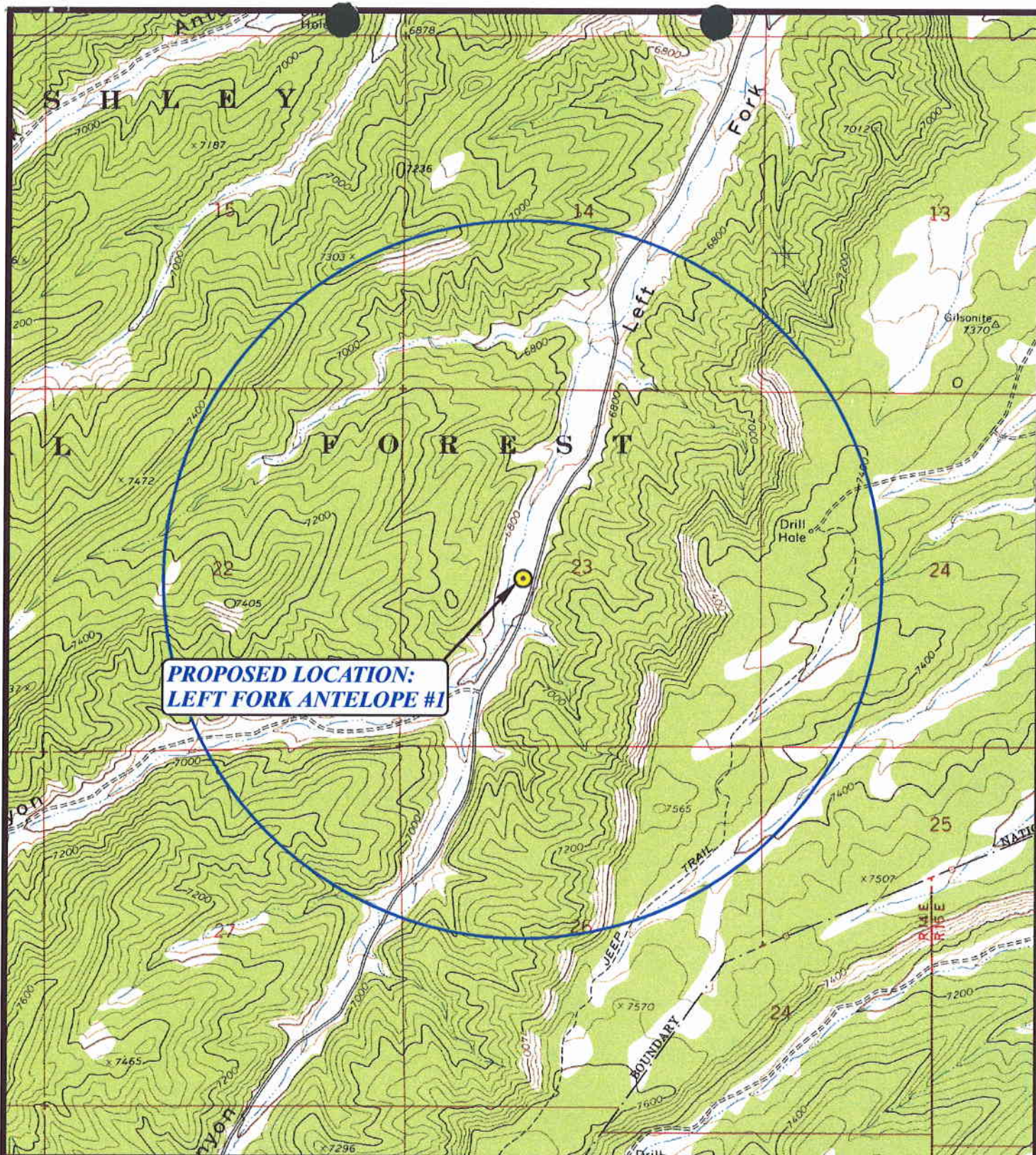


TOPOGRAPHIC
MAP

7 9 98
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.B.T. REVISED: 00-00-00

B
TOPO



LEGEND:

- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊗ WATER WELLS |
| ● PRODUCING WELLS | ⊗ ABANDONED WELLS |
| ● SHUT IN WELLS | ⊗ TEMPORARILY ABANDONED |

MEDALLION EXPLORATION

LEFT FORK ANTELOPE #1
SECTION 23, T6S, R4W, U.S.B.&M.
2400' FSL 1716' FWL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

7 9 98
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.B.T. REVISED: 00-00-00



AMENDATORY? NO

SRB; Point of Diversion (), Place of Use (X), Nature of Use (X), Reservoir Storage ().

INTEREST: 100% tenants in common

us: APP Date Verified: 10/15/1995 Initials: BMW

Point of diversion as per certificate:
North 44 degrees 15 minutes East 2112
feet from the the SW corner of the
NW1/4SW1/4 of Sec. 34, T3S, R2W, USB&M.

SAKE AS HERETOFORE

N 180 ft E 1487 ft from W4 cor, Sec 34, T 35. R 2W, USBM
 Diverting Works: concrete diversion box
 Source:

CHANGED as follows:

	SW4--	NE4--	SE4--
	N N S S	N N S S	N N S S
	W E W E	W E W E	W E W E
ALL T	88 R 11E SLEM	*	
ALL T	88 R 12E SLEM	*	
ALL T	88 R 13E SLEM	*	
ALL T	88 R 14E SLEM	*	
ALL T	88 R 15E SLEM	*	
ALL T	88 R 16E SLEM	*	
ALL T	88 R 17E SLEM	*	
ALL T	88 R 18E SLEM	*	
ALL T	88 R 19E SLEM	*	
ALL T	98 R 11E SLEM	*	
ALL T	98 R 12E SLEM	*	
ALL T	98 R 13E SLEM	*	
ALL T	98 R 14E SLEM	*	
ALL T	98 R 15E SLEM	*	
ALL T	98 R 16E SLEM	*	
ALL T	98 R 17E SLEM	*	
ALL T	98 R 18E SLEM	*	
ALL T	98 R 19E SLEM	*	
ALL T	108 R 11E SLEM	*	
ALL T	108 R 12E SLEM	*	
ALL T	108 R 13E SLEM	*	
ALL T	108 R 14E SLEM	*	
ALL T	108 R 15E SLEM	*	



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

September 3, 1998

Medallion Exploration
P.O. Box 1328
Roosevelt, Utah 84066

Re: Left Fork Antelope #1 Well, 2400' FSL, 1716' FWL, NE SW,
Sec. 23, T. 6 S., R. 4 W., Duchesne County, Utah

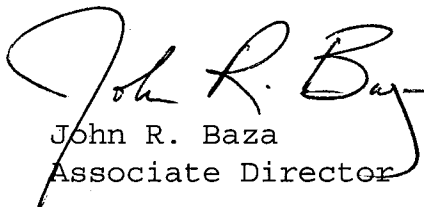
Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM by Medallion Exploration and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-30405.

Sincerely,


John R. Baza
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator: Medallion Exploration
Well Name & Number: Left Fork Antelope #1
API Number: 43-013-30405
Lease: UTU-77315
Location: NE SW Sec. 23 T. 6 S. R. 4 W.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours prior to spudding the well. Contact Jim Thompson at (801) 538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

UTU-77315

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

LEFT FORK ANTELOPE

9. WELL NO.

#1

10. FIELD AND POOL OR WILDCAT

WILDCAT

11. SEC., T., R., M., or BLK.

AND SURVEY OR AREA

SEC. 23, T6S, R4W

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UTAH

1a. TYPE OF WORK

DRILL ☐ RE-ENTRY

DEEPEN ☐

PLUG BACK ☐

1b. TYPE OF WELL

OIL
WELL ☒

GAS

WELL ☐

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Medallion Exploration

3. ADDRESS OF OPERATOR

P.O. Box 1328 Roosevelt, Utah 84066 435-722-4600

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At Surface 2400' FSL AND 1716' FWL, NE/SW, SEC. 23

At proposed Prod. Zone

43-013-30405

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

25.7

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY
OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

1716'

16. NO. OF ACRES IN LEASE

2,222.74

17. NO. OF ACRES ASSIGNED TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL,
DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

P&A WELL APPROX 4100' IN SEC. 24

19. PROPOSED DEPTH

3305'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6786'

22. APPROX. DATE WORK WILL START*

UPON APPROVAL AND AVAILABILITY OF RIG

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	?	182'	250 SKS CLASS G. PUMPED 09-09-1976
7 7/8"	5 1/2"	?	3305'	50 SKS 50/50 POZ. 09-25-1976

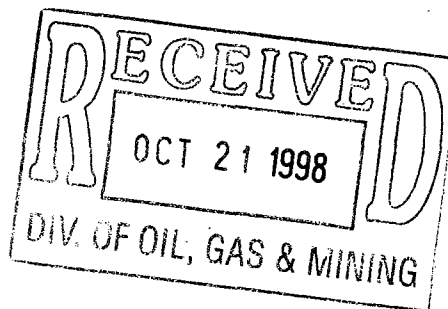
Medallion exploration proposes to cut off dry hole marker and install 11"x 3 M casing and 7 1/16"x 5M tubing spools.
Drill out cement plugs down to 3214'. Pressure test 5 1/2" csg to 2000 psi. If csg does not test re-squeeze
squeeze holes @ 3194-96' w/ 50 sks cmt. If 5 1/2" csg tests drill out CIPB @ 3214' and clean out down to 3209'.
Perforate zone 3235-45', 10 net feet, 3 jsp, w/ 4" expendable csg guns. Sand frac if necessary.
If well is completed as a producer then a sundry well be sent showing where surface equipment is to be set.
If well is not a producer when well will be plugged and location reclaimed as per USFS and BLM recommendations.

This AFD is also a request for a right of way.

All operations will be covered under Medallion Explorations federal bond #UT-1036

c: 2- USFS Vernal
c: 3- BLM Vernal
c: 2- State of Utah Div. Of Oil, Gas and Mining

RECEIVED
AUG 10 1998



IN ABOVE SPACE DESCRIBE PROPOSE DRILLING PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Arthur Lamb

TITLE FIELD SUPERINTENDENT

DATE

8/6/98

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)
NOTICE OF APPROVAL

PERMIT NO.

APPROVAL DATE

APPROVED BY

Jimmy Kennedy

TITLE

ACTING Assistant Field Manager
Mineral Resources

DATE

OCT 05 1998



United States
Department of
Agriculture

Forest
Service

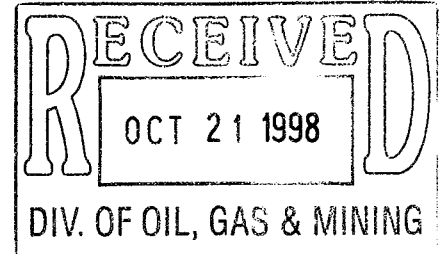
Ashley
National
Forest

Duchesne Ranger District
P. O. Box 981
Duchesne, UT 84021

File Code: 1950

Date: September 28, 1998

Bureau of Land Management
Attn: Greg Darlington
170 South 500 East
Vernal, UT 84078



Dear Greg:

I have enclosed the Decision Memo authorizing Medallion Exploration of Roosevelt to re-enter the three existing oil and gas wells in the Antelope Canyon area. Our main field representative for this project will be Clarice Gilbert of the Duchesne Office. If you have any questions about my decision please contact me at (435) 738-2482.

Sincerely,


JOE BISTRYSKI
District Ranger

enclosure

RECEIVED
SEP 30 1998
BLM VERNAL, UTAH



DECISION MEMO

Medallion Exploration Oil and Gas Exploration

Ashley National Forest
Duchesne Ranger District
Duchesne County, Utah

I have decided to authorize a proposal from Medallion Exploration of Roosevelt, UT for oil and gas exploration on the Ashley National Forest. The proposal is to re-enter and test three existing oil and gas wells as follows:

Antelope Creek #1 - NENE, Section 24, T6S, R4E, USM
Left Fork Antelope #1 - NESW, Section 23, T6S, R4E, USM
Alkali Canyon Federal #1 - SENE, Section 31, T6S, R4E, USM.

The proposed activity will include leveling the existing well pad by scraping existing vegetation and stockpiling topsoil. A drill rig will be located over the existing well to drill out the well plugs, perforate the well casing and test several zones for oil and gas production. The well pads will include mud pump and tanks, flare pit, pipe racks, trailer, toilet, storage tank, and trash bin.

If the wells are not completed as producers they will be plugged, all equipment will be removed, the sites will be reshaped, topsoil will be spread and the sites revegetated.

If the wells are completed as producers a sundry notice will be submitted showing where surface equipment will be set for long term production. Existing roads may need to be widened and 4 inch pipelines would be installed next to the roadway. At that time additional cultural resource and TES wildlife surveys will be required and additional mitigation measures will be applied as necessary.

The Western Uinta Basin Oil and Gas Leasing EIS was completed in 1997 disclosing the effects of oil and gas activities in this area. The Record of Decision determined which lands within the analysis area would be available for oil and gas leasing and what stipulations would be attached to the leases. That decision requires that an additional site specific analysis be completed when activities are proposed.

Medallion Exploration has since acquired leases for the areas they propose to drill. The site specific analysis has determined that the sites proposed for drilling have previously been disturbed during drilling activities. Minimal additional surface disturbance will occur. It has also been determined that no cultural resources or T&E plants or animals will be affected.


Project scoping included letters mailed to interested and affected individuals and groups, and a news release in the Uintah Basin Standard. One comment was received. That comment was in favor of re-entering the existing wells instead of drilling new wells.

This proposed action is consistent with the management direction and guidelines as specified in the Ashley National Forest Plan of 1986 as amended by the Western Uinta Basin Oil and Gas Leasing EIS of 1997.

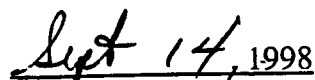
No significant issues within the scope of this proposal or extraordinary circumstances were identified during the scoping process. Therefore, this action falls within Category 8 [Short term mineral, energy, or geophysical investigations and their incidental support activities that may require....construction of less than one mile of low standard road, or use and minor repair of existing road, (FSH 1909.15, Section 31.2)] and is categorically excluded from documentation in an environmental impact statement or an environmental assessment.

This decision may be implemented immediately. This decision is not is not subject to appeal pursuant to 36 CFR Part 215.8 (a) (4).

For further information concerning this decision, please contact Joe Bistryski at the Roosevelt/Duchesne Ranger District, P.O. Box 981, Duchesne UT 84021 or phone (435) 738-2482.



JOE BISTRYSKI
District Ranger



Date

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Medallion Exploration

Well Name & Number: Left Fork Antelope 1

API Number: 43-013-30405

Lease Number: U-77315

Location: NESW Sec. 23 T. 06S R. 04W

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative by the operator to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report **ALL** water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment for a **2M** system and individual components shall be operable as designed.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty **(60) days** of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

The location was reflagged following the onsite and the changes are shown on the layout diagram of the APD. The site specific analysis has determined that the site proposed for the drilling at Left Fork Antelope #1 well has been previously disturbed with drilling activities. Minimal additional surface disturbance will occur. For the pad construction and drilling activities it has also been determined that no cultural resources or T&E plants or animals will be affected.

The main Forest Service Representative for this project will be Clarice Gilbert of the Duchesne Office. If you have any questions for the Forest Service contact her or Joe Bistrski who is the District Ranger there at (435) 738-2482.

The old well location will be levelled by scraping existing vegetation and stockpiling topsoil.

If the well is not completed as a producer it will be plugged, all equipment will be removed The site will be reshaped and topsoil will be respread and the sites revegetated. This revegetation reclamation would be done according to Forest Service specifications. The following seed mix was approved for the project reclamation in Forest Service's letter of August 7, 1998:

Left Fork Antelope #1	lbs/acre
Goldar Bluebunch Wheatgrass	3
Fairway Crested Wheatgrass	3
Thickspike Wheatgrass	3
Russian Wildrye	3

At this location a flare pit/workover pit will be required for the reentry procedures. If the well is a producer check with the Forest Service about reclamation for the pit and any no longer needed parts of the pad. Forest Service requests that topsoil storage areas be reseeded if production is established, otherwise, the entire site will be reclaimed the same season.

A pad 200 feet by 215 feet is shown in the APD. A small ditch will be constructed on the South side of the pad to divert water to the main drainage channel. A new access road of about 50 feet length will be built on the old location to reach from the pad to the present road.

If the well is completed as a producer a sundry notice will be submitted showing where surface equipment will be set for long term production. Then existing roads may need to be widened and upgraded and 4-inch flowlines would be installed next to the roadway. At that time additional cultural resource and TES wildlife surveys will be required and additional mitigation measures applied as necessary/if necessary. This would be done as consistent with the Western Uinta Basin Oil and Gas Leasing EIS of 1997. The DECISION MEMO states:

"This proposed action is consistent with the management direction and guidelines as specified in the Ashley National Forest Plan of 1986 as amended by the Western Uinta Basin Oil and Gas Leasing EIS of 1997." No significant issues within the scope of this proposal or extraordinary circumstances were identified during the scoping process.

For drilling operations the present existing road will be maintained in its present alignment with maintenance and repair as needed. The present road is wide enough to serve as a production access road.

For production and producing locations:

-Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, and crowning (2 to 3%). Graveling or capping the roadbed will be required as necessary to provide a well constructed safe road. Prior to construction/upgrading, the proposed road surface or existing road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Should mud holes develop, they shall be filled in to prevent detours. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainage be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. When snow is removed from the road during the winter months, the snow should be pushed outside of the burrow ditches and the turn outs should be kept clear so that when the snow melts the water will be channeled away from the road.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office
170 South 500 East
Vernal, Utah 84078-2799
<http://www.blm.gov/utah/vernal>

Phone: (435) 781-4400
Fax: (435) 781-4410

IN REPLY REFER TO:

3160
UT08300

October 18, 1999

Medallion Exploration
P O Box 1328
Roosevelt, UT 84066

Re: Notification of Expiration
Well No. Left Fork Antelope 1
NESW, Sec. 23, T6S, R4W
Lease No. U-77315

Dear Mr. Lamb:

43-013-30405

The Application for Permit to Drill the above-referenced well was approved on October 5, 1998. Since that date, no known activity has transpired at the approved location. Applications for Permit to Drill are effective for a period of one year. In view of the foregoing, this office is notifying you the approval of the referenced application has expired. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

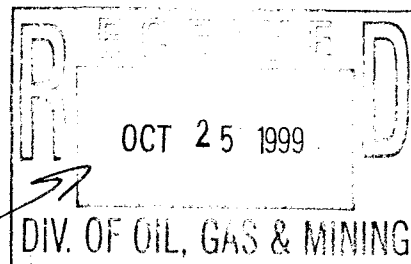
Sincerely,

Margie Herrmann

Margie Herrmann
Legal Instruments Examiner

cc: State Div. OG&M
U.S. Forest Service

*Re-entry
DOG-m
Rescind
Date*





Medallion Exploration

May 17, 2001

State of Utah
Division of Oil, Gas & Mining
Attn: Gil Hunt
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Re-submission of APD's

Dear Mr. Hunt:

I have enclosed for your information, copies of the APD's I am re-submitting to the BLM and Ashley Forest Service. All related well information remains the same, but the mailing address and contact person has changed and is referenced on the new Application for Permit to Drill.

If you have any questions, please contact me at (801) 566-7400. Thank you for your help in this matter.

Sincerely,

RaSchelle Richens
Medallion Exploration

RECEIVED

MAY 21 2001

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

Form approved.

Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☐ DEEPEN ☒ PLUG BACK ☐

1b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Medallion Exploration

3. ADDRESS OF OPERATOR
6975 Union Park Center, Ste. 310 Midvale, Utah 84047

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)

At Surface NESW 2400' FSL & 1716' FWL

At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
25.7

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY
OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1716'

16. NO. OF ACRES IN LEASE
2,222.74

17. NO. OF ACRES ASSIGNED TO THIS WELL
640'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL,
DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
P&A WELL APPROX 4100' IN SEC. 24

19. PROPOSED DEPTH
3305'

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (Show whether OF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START*
UPON APPROVAL AND AVAILABILITY OF RIG

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	?	182'	250 SKS CLASS G. PUMPED 9/9/76
7-7/8"	5-1/2"	?	3305'	50 SKS 50/50 POZ. 09/25/76

Medallion Exploration proposes to cut off dry hole marker and install 11" X 3M casing and 7-1/16" X 5M tubing spools.
Drill out cement plugs down to 3214". Pressure test 5-1/2" csg to 2000 psi. If csg does not test re-squeeze
Squeeze holes @ 3194-96' w/50 sks cmt. If 5-1/2" csg tests drill out CIBP @ 3214' and clean out down to 3299'.
Perforate zone 3235-45', 10 net feet, 3 jsp, w/4" expendable csg guns. Sand frac if necessary.
If well is completed as a producer then a sundry well be sent showing where surface equipment is to be set.
If well is not a producer when well will be plugged and location reclaimed as per USFS and BLM recommendations.

All operations will be covered under Medallion Explorations Federal Bond # UT-1066.

This APD is also a request for Right-of-Way

3-BLM, Vernal
CC: 2 USFS, Vernal
CC: 2 Utah Div. Of Oil, Gas, and Mining

Federal Approval of this
Action is Necessary

RECEIVED

MAY 21 2001

DIVISION OF
OIL, GAS AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED DRILLING PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Production Assistant DATE 5/17/01

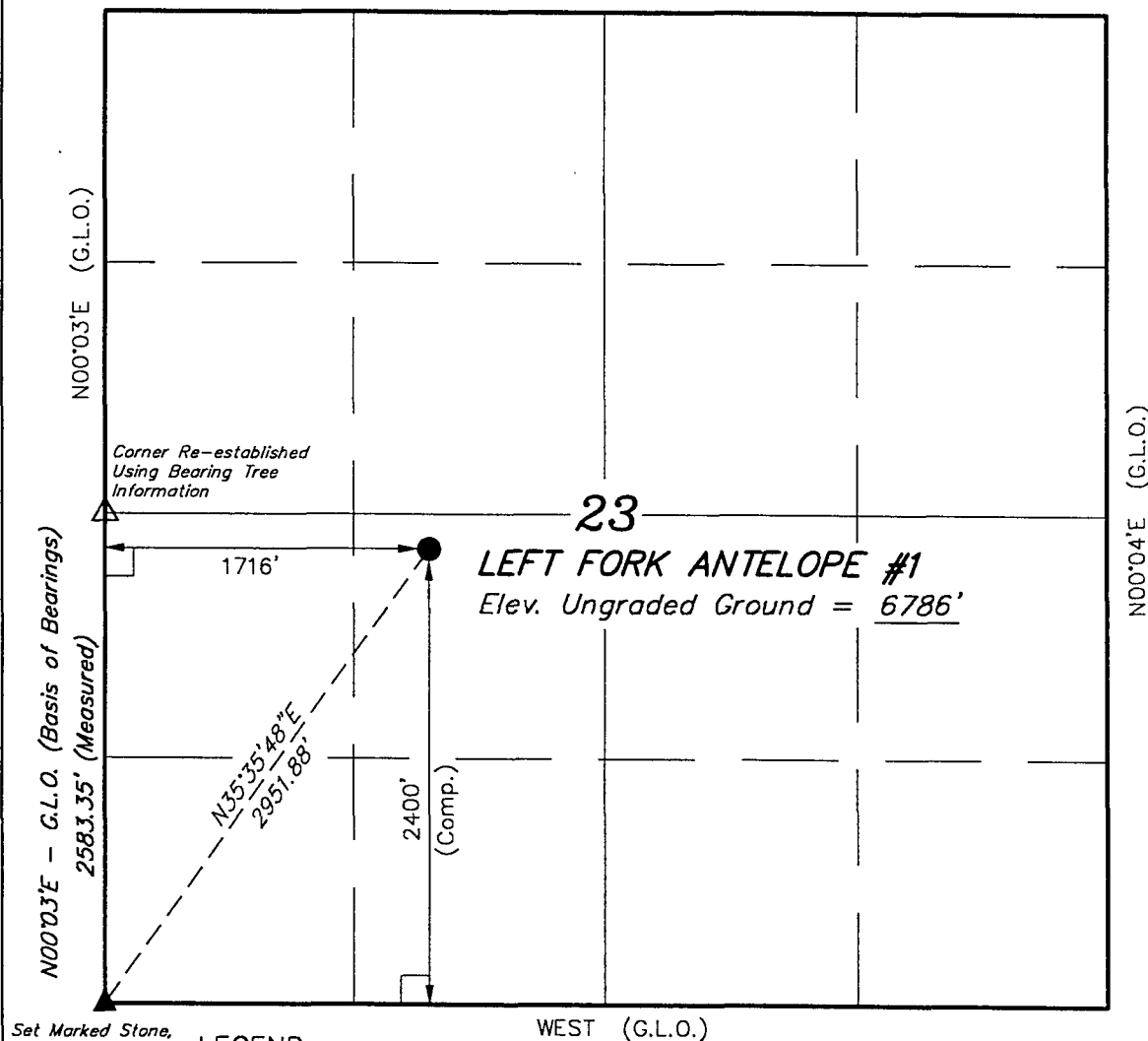
(THIS SPACE FOR FEDERAL OR STATE OFFICE USE.)

PERMIT NO. 43-01330405 APPROVAL DATE 05-29-01

APPROVED BY [Signature] TITLE BRADLEY G. HILL DATE 05-29-01
CONDITIONS OF APPROVAL, IF ANY RECLAMATION SPECIALIST III

T6S, R4W, U.S.B.&M.

EAST - 79.90 (G.L.O.)



LEGEND:

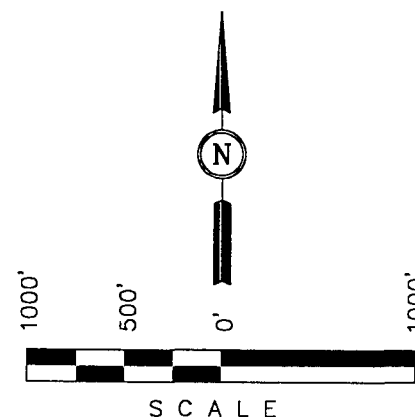
- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED.

MEDALLION EXPLORATION

Well location, LEFT FORK ANTELOPE #1, located as shown in the NE 1/4 SW 1/4 of Section 23, T6S, R4W, U.S.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

TRIANGULATION STATION GILSONITE LOCATED IN THE SE 1/4 OF SECTION 13, T6S, R4W, U.S.B.&M. TAKEN FROM THE ANTHRO MTN. NE, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7370 FEET.



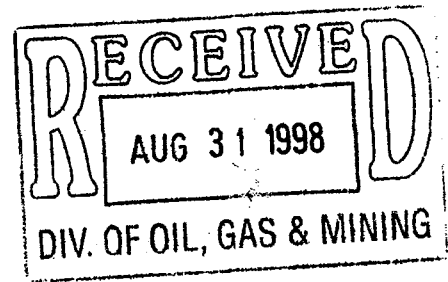
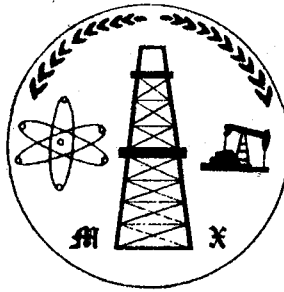
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Key
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

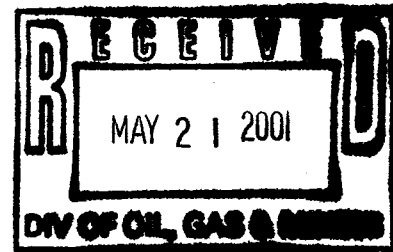
SCALE 1" = 1000'	DATE SURVEYED: 7-2-98	DATE DRAWN: 7-6-98
PARTY G.S. C.G. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE MEDALLION EXPLORATION	



MEDALLION EXPLORATION

August 20, 1998

Utah State
Division of Oil, Gas and Mining
Attn: Lisha Cordova
Box 145801
Salt Lake City, Utah 84114-5801



** 5/24 No chg. per op.
lc*

RE: Sec 23, T6S, R4W

Dear Ms. Cordova:

Medallion Exploration is 100% Interest Owner in all of section 23, T6S, R4W, which includes the 460' radius of wellbore.

Because this is a Re-entry on an existing wellbore, Medallion Exploration is requesting an exception to R649-3-2 for this location.

If you have any questions, please contact me at the phone numbers listed below.

Sincerely,

Steve Lamb

SL/rr

DECISION MEMO

Medallion Exploration Oil and Gas Exploration

Ashley National Forest
Duchesne Ranger District
Duchesne County, Utah

I have decided to authorize a proposal from Medallion Exploration of Roosevelt, UT for oil and gas exploration on the Ashley National Forest. The proposal is to re-enter and test three existing oil and gas wells as follows:

Antelope Creek #1 - NENE, Section 24, T6S, R4E, USM
Left Fork Antelope #1 - NESW, Section 23, T6S, R4E, USM
Alkali Canyon Federal #1 - SENE, Section 31, T6S, R4E, USM.

The proposed activity will include leveling the existing well pad by scraping existing vegetation and stockpiling topsoil. A drilling rig will be located over the existing well to drill out the well plugs, perforate the well casing and test several zones for oil and gas production. The well pads will include mud pump and tanks, flare pit, pipe racks, trailer, toilet, storage tank, and trash bin.

If the wells are not completed as producers they will be plugged, all equipment will be removed, the sites will be reshaped, topsoil will be spread and the sites revegetated.

If the wells are completed as producers a sundry notice will be submitted showing where surface equipment will be set for long term production. Existing roads may need to be widened and 4 inch pipelines would be installed next to the roadway. At that time additional cultural resource and TES wildlife surveys will be required and additional mitigation measures will be applied as necessary.

The Western Uinta Basin Oil and Gas Leasing EIS was completed in 1997 disclosing the effects of oil and gas activities in this area. The Record of Decision determined which lands within the analysis area would be available for oil and gas leasing and what stipulations would be attached to the leases. That decision requires that an additional site specific analysis be completed when activities are proposed.

Medallion Exploration has since acquired leases for the areas they propose to drill. The site specific analysis has determined that the sites proposed for drilling have previously been disturbed during drilling activities. Minimal additional surface disturbance will occur. It has also been determined that no cultural resources or T&E plants or animals will be affected.

Project scoping included letters mailed to interested and affected individuals and groups, and a news release in the Uintah Basin Standard. One comment was received. That comment was in favor of re-entering the existing wells instead of drilling new wells.

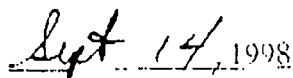
This proposed action is consistent with the management direction and guidelines as specified in the Ashley National Forest Plan of 1986 as amended by the Western Uinta Basin Oil and Gas Leasing EIS of 1997.

No significant issues within the scope of this proposal or extraordinary circumstances were identified during the scoping process. Therefore, this action falls within Category 8 [Short term mineral, energy, or geophysical investigations and their incidental support activities that may require....construction of less than one mile of low standard road, or use and minor repair of existing road, (FSII 1909.15, Section 31.2)] and is categorically excluded from documentation in an environmental impact statement or an environmental assessment.

This decision may be implemented immediately. This decision is not is not subject to appeal pursuant to 36 CFR Part 215.8 (a) (4).

For further information concerning this decision, please contact Joe Bistryski at the Roosevelt/Duchesne Ranger District, P.O. Box 981, Duchesne UT 84021 or phone (435) 738-2482.


JOE BISTRYSKI
District Ranger


Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
UTU-77315

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
LEFT FORK ANTELOPE

9. WELL NO.
#1

10. FIELD AND POOL OR WILDCAT
WILDCAT

11. SEC., T., R., M., or BLK.
AND SURVEY OR AREA
SEC. 23, T6S, R4W

1a. TYPE OF WORK

DRILL ☐ RE-ENTRY

DEEPEN ☐

PLUG BACK ☐

1b. TYPE OF WELL

OIL
WELL ☒ GAS
WELL ☐ OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR
Medallion Exploration

3. ADDRESS OF OPERATOR
P.O. Box 1328 Roosevelt, Utah 84066 435-722-4600

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At Surface 2400' FSL AND 1716' FWL, NE/SW, SEC. 23

At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
25.7

12. COUNTY OR PARISH
DUCHESE

13. STATE
UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY
OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1716'

16. NO. OF ACRES IN LEASE
2,222.74

17. NO. OF ACRES ASSIGNED TO THIS WELL
640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL,
DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
P&A WELL APPROX 4100' IN SEC. 24

19. PROPOSED DEPTH
3305'

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6786'

22. APPROX. DATE WORK WILL START*
UPON APPROVAL AND AVAILABILITY OF RIG

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	?	182'	250 SKS CLASS G. PUMPED 09-09-1976
7 7/8"	5 1/2"	?	3305'	50 SKS 50/50 POZ. 09-25-1976

Medallion exploration proposes to cut off dry hole marker and install 11"x 3 M casing and 7 1/16"x 5M tubing spools.
Drill out cement plugs down to 3214'. Pressure test 5 1/2" csg to 2000 psi. If csg does not test re-squeeze
squeeze holes @ 3194-96' w/ 50 sks cmt. If 5 1/2" csg tests drill out CIPB @ 3214' and clean out down to 3299'.
Perforate zone 3235-45', 10 net feet, 3 jsfp, w/ 4" expendable csg guns. Sand frac if necessary.
If well is completed as a producer then a sundry well be sent showing where surface equipment is to be set.
If well is not a producer when well will be plugged and location reclaimed as per USFS and BLM recommendations.

This APD is also a request for a right of way.

All operations will be covered under Medallion Explorations federal bond #UT- 1066

RECEIVED

MAY 21 2001

DIVISION OF
OIL, GAS AND MINING

c: 2- USFS Vernal
c: 3- BLM Vernal
c: 2- State of Utah Div. Of Oil, Gas and Mining

IN ABOVE SPACE DESCRIBE PROPOSE DRILLING PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Arthur Lamb TITLE FIELD SUPERINTENDENT DATE 8/6/98

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE)

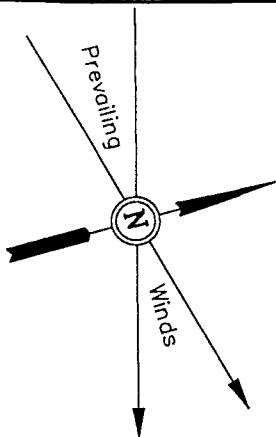
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

MEDALLION EXPLORATION

LEFT FORK ANTELOPE #1 SECTION 23, T6S, R4W, U.S.B.&M.

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG HIGHWAY 40 APPROXIMATELY 8.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY THEN SOUTHWESTERLY DIRECTION ALONG THE ANTELOPE CANYON ROAD APPROXIMATELY 6.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 4.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.1 MILES TO BEGINNING OF THE PROPOSED ACCESS ROAD TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 10 FEET TO THE PROPOSED LOCATION.



MEDALLION EXPLORATION

LOCATION LAYOUT FOR

LEFT FORK ANTELOPE #1
SECTION 23, T6S, R4W, U.S.B.&M.
2400' FSL 1716' FWL



SCALE: 1" = 50'

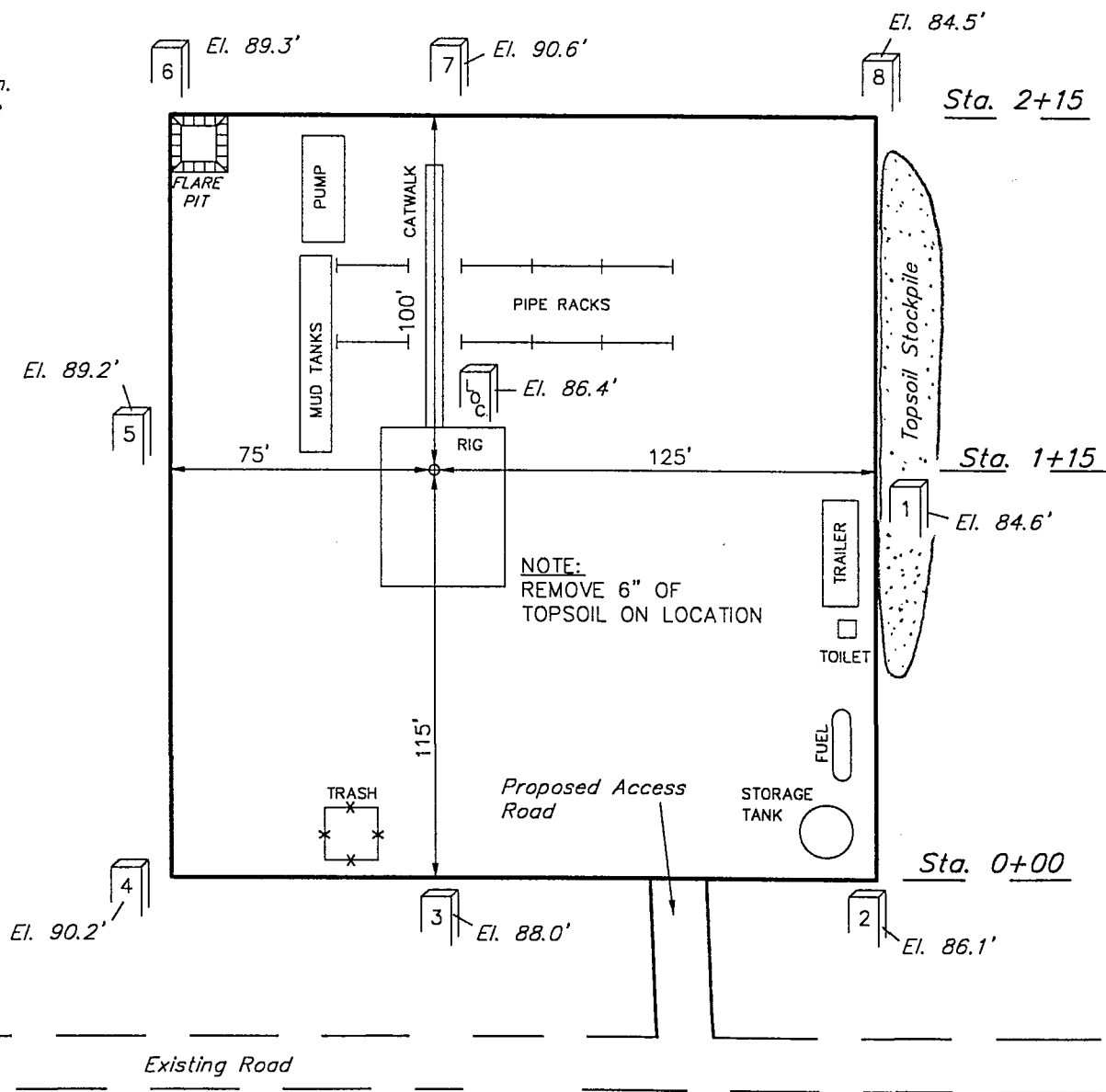
DATE: 7-6-98

Drawn By: C.B.T.

Revised: 7-30-98 C.B.T.

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



Elev. Ungraded Ground at Location Stake = 6786.4'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

**ONSHORE ORDER NO
MEDALLION EXPLORATION, INC.**

Left Fork Antelope #1
1716' FWL and 2400' FNL
NE SW Sec 23, T6S - R4W
Duchesne County, Utah

Lease No. UTU-77315

DRILLING PROGRAM

**ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases**

All Lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representatives to insure compliance.

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Green River	Surface	+6786'
Tgr3	2593'	+4193'
T.D.	3305'	+3481'

2. Estimated Depths of Anticipated Water, Oil, Gas or Minerals Formation

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil & Gas	Greenriver	3235'
T.D.		3305'

All fresh water prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment: (No Schematic is required)

Medallion Exploration minimum specifications for pressure control equipment are as follows:

Ram Type: 7 1/16" Hydraulic double, 5000 psi w.p.

Ram type preventors and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

No Annular type preventers will be used for this re-entry.

No pressure testing nor BOP diagram is required because the casing has been set and cemented.

**ONSHORE ORDER NO
MEDALLION EXPLORATION, INC.**

Left Fork Antelope #1
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NE SW Sec 23, T6S - R4W
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Lease No. UTU-77315

DRILLING PROGRAM

As a minimum, a test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.

Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

- a. The size and rating of the BOP stack need not be shown on a diagram., most of the equipment for this depth of hole in the area use a 3000 psi working pressure blowout preventor.
- b. The accumulator system shall have a pressure capacity to provide for repeated operations of hydraulic preventers.
- c. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

**ONSHORE ORDER NO
MEDALLION EXPLORATION, INC.**

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NE SW Sec 23, T6S - R4W
Duchesne County, Utah

Lease No. UTU-77315

DRILLING PROGRAM

4. **proposed Casing and Cementing Program:**

- a. All indications of usable water shall be reported.
- b. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- c. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not exceed 70 percent of the minimum internal yield. If pressure declines more than 1- percent in 30 minutes, corrective action shall be taken.

- d. The casing in the well was run as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	<u>NEW Or Used</u>
Surface	0-182'	12-1/4"	9-5/8"	24#	?	?	
Production	0-3305'	7-7/8"	5-1/2"	?	?	?	

- e. The cement program was pumped as follows:

Surface
0-182'

Type and Amount
350sxs G

Production

Type and Amount
50 sxs 50-50 pcz
cmt top @ 3250'. Sqz 25 sks &
re-sqz 50 & 100 sks @ 3194-96'

The following reports shall be filed with the District Manager within 30 days after the work is completed.

1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
 - a. Weekly progress report. Show the spud date on the first reports submitted.

**ONSHORE ORDER NO
MEDALLION EXPLORATION, INC.**

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NE SW Sec 23, T6S - R4W
Duchesne County, Utah

Lease No. UTU-77315

DRILLING PROGRAM

- f. Auxiliary equipment to be used is as follows:
1. Kelly cock
 2. No bit float is deemed necessary.
 3. A sub with a full opening valve.

5. **Mud Program:**

- a. The proposed circulating mediums to be employed in drilling are as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>F/L</u>	<u>PH</u>
0-3305'	3% KCL	8.4-8.6	N/C	NC	N/C

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations.

- b. Mud monitoring equipment to be used is as follows:
1. Periodic checks will be made each tour of the mud system. The mud level will be checked visually.
- c. No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.
- d. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.
- e. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

**ONSHORE ORDER NO
MEDALLION EXPLORATION, INC.**

Left Fork Antelope #1
1716' FWL and 2400' FNL
NE SW Sec 23, T6S - R4W
Duchesne County, Utah

Lease No. UTU-77315

DRILLING PROGRAM

6. **Evaluation Program:**

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are anticipated, however, if they are run the following will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DST's may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program consisted of a DIL-GR form T.D. to base of surface casing with the GR to surface. A CNL-FDC and FMI will be run from T.D. to 1000' (minimum run). A DSI-GR will be run for T.D. to base of surface casing.
- c. No cores will be taken.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).
- e. The anticipated completion program is as follows:
- The Greenriver formations will be perforated, tested and sand fraced, if necessary cement squeeze 5 1/2" csg above pay zones.

**ONSHORE ORDER NO
MEDALLION EXPLORATION, INC.**

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NE SW Sec 23, T6S - R4W
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DRILLING PROGRAM

- f. Daily drilling and completion progress reports shall be submitted to the BLM in Vernal on a weekly basis.

7. Abnormal Temperatures of Pressures

- a. No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area.
- b. The maximum anticipated bottom hole pressure will be approximately 900 psi at T.D.

8. Anticipated Starting Dates and Notification of Operations:

- a. Drilling will commence immediately upon approval of this application.
- b. It is anticipated that the re-entry of this well will take approximately 4 days. The completion will take about 15 days.
- c.
- d. The Vernal District Office shall be notified, during regular work hours (7:45 a.m. - 4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.
- e. Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.
- f. The date on which productions is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

ONSHORE ORDER NO
MEDALLION EXPLORATION, INC.

Left Fork Antelope #1
1716' FWL and 2400' FNL
NE SW Sec 23, T6S -- R4W
Duchesne County, Utah

Lease No. UTU-77315

DRILLING PROGRAM

- g. Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operation may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.
- h. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the A.O. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.
- i. The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.
- j. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.
- k. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- l. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

**ONSHORE ORDER NO
MEDALLION EXPLORATION, INC.**

Left Fork Antelope #1
1716' FWL and 2400' FNL
NE SW Sec 23, T6S - R4W
Duchesne County, Utah

Lease No. UTU-77315

DRILLING PROGRAM

- m. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.
- n. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.
- o. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.
- p. A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3 and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.
- q. A first production conference will be scheduled within 15 days after receipt of the first production notice.
- r. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.
- s. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

ONSHORE OIL & GAS ORDER NO. 1

NOTIFICATION REQUIREMENTS

Location Construction -	forty-eight (48) hours prior to construction of location and access roads.
Location Completion -	prior to moving on the drilling rig.
Spud Notice -	at least twenty-four (24) hours prior to spudding the well.
Casing string and - Cementing	twenty-four (24) hours prior to running casing and cementing all casing strings.
BOP and Related - Equipment Tests	twenty-four (24) hours prior to initiating pressure tests.
First Production - Notice	within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

The onsite inspection for the subject well was conducted on Wednesday, July, 29, 1998 at approximately 9:30 a.m. Weather conditions were warm and sunny. In attendance at the onsite inspection were the following individuals:

Craig Darlington
Chauncie Todd
Barry Burkhardt
Steven Lamb
Gene Caldwell
John E. Fausett
Jim Justice

Bureau of Land Management
USFS
USFS
Medallion Exploration
Medallion Exploration
Fausett INC. Construction
J-West Constuction

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S – R4W

Lease No. UTU-77315

SURFACE USE PLAN

1. Existing Roads

a. The proposed well site is located approximately 25.7 miles southwest of Myton, Utah.

b. Directions to the location from Myton, Utah is as follows:

Proceed in a southwesterly direction from Myton along highway 40 approximately 8.8 miles to the junction of this road and an existing road to the south. Turn left and proceed in a southerly then southwesterly direction along the Antelope Canyon road approximately 6.6 miles to the junction of this road and an existing road to the southeast; turn left and proceed in a southeasterly, then southwesterly direction approximately 4.2 miles to the junction of this road and an existing road to the south; then turn left and proceed in a southerly direction approximately 6.1 miles to the beginning of the proposed access road to the east; follow road flags in an westerly direction approximately 10' to the proposed location.

c. For location of access roads within a 2-Mile radius, see Maps A & B.

d. Improvement to the existing access will not be necessary.

e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

2. Planned Access Roads

a. Approximately 10 feet of new construction will be required as shown on Map A.

b. The maximum grade of the new construction will be approximately 0%.

c. No turnouts are planned.

d. No low water crossings will be necessary. There are no major cuts and fills. No culverts and/or bridges will be required.

e. The use of surfacing material is not anticipated, however it may be necessary depending on weather conditions.

f. No cattle guards will be installed.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

- g. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- h. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989).
- i. The road will be constructed/upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowing and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainage's be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.
- j. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produce, stored, transported, or disposed of in association with the drilling of this well.
- l. A right of way will be necessary for access roads and pipeline located outside of Lease No. UTU-77315. Total length of the right of way will be approximately 3 miles. An additional 2900' is located within the lease. Right of Way may be issued to the wellhead if preferred by your office.

For location of right of way, please see Map "A" attached. The following USFS acreage will be affected:

T6S-R4W

Sec. 14:

Sec. 12:

Sec. 1

There are no related structures or facilities planned at this time.

The right of way is requested for 30 years or the entire life of the producing well, whichever is longer.

The road will be used year-round for maintenance of production facilities. Only flat blading of the existing roadway will be required at this time. No temporary work areas will be needed.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1715' FWL
NE/ SW Sec. 23, T6S – R4W

Lease No. UTU-77315

SURFACE USE PLAN

Attached is the application and monitoring fee in the amount of \$175.00.

3. Location of Existing Wells Within a 1-Mile Radius of the Proposed Location.
(See Map #C).

- a. Water wells – none.
- b. Injection wells – none
- c. Producing wells – none
- d. Drilling wells – none
- e. Shut-in wells – none
- g. Disposal wells – none
- h. Abandoned wells – one
- i. Dry Holes- none

4. Location of Tank Batteries and Production Facilities.

- a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted Desert Tan (10YR6/3). All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.
- b. If storage facilities/tank batteries are constructed on this lease, the facility battery or the well pad shall surrounded by a containment dike of sufficient capacity to contain at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.
- c. A Sundry Notice will be submitted showing placement of all production facilities prior to construction.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

- d. All loading lines will be placed inside the berm surrounding the tank battery.
- e. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flow line will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.
- f. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.
- g. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.
- h. Any necessary pits will be properly fenced to prevent any wildlife entry.
- i. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.
- j. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
- k. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- l. The road will be maintained in a safe useable condition.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

5. Location and Type of Water Supply

- a. All water needed for re-entry purposes will be obtained from Kenneth and Barbara Richens permit # 43-1721. Located in Sec. 34, T3S, R2W. A copy of the permit identifying the permit number and point of diversion is attached.
- b. Water will be hauled to location over the roads marked on Maps A and B.
- c. No water well is to be drilled on this lease.

6. Source of Construction Material

- a. Surface and subsoil materials in the immediate area will be utilized.
- b. Any gravel used will be obtained from a commercial source.
- c. The use of materials under BLM or USFS jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.
- d. No construction materials will be removed from Federal land.

7. Methods of Handling Waste Disposal

- a. No reserve pit will be constructed for this re-entry.
- b. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.
- c. After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.
- d. Drill cuttings are to be contained and buried in the flare pit.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

- e. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- f. A chemical porta-toilet will be furnished with the drilling rig.
- g. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.

8. Ancillary Facilities

There are no airstrips, camps or other facilities planned during the drilling of the proposed well.

9. Well Site Layout

- a. The operator or his/her contractor shall contact the USFS Office at 435-789-1181 forty-eight-- (48) hours prior to construction activities.
- b. The flare pit will be located on the southwest side of the location.
- c. The flare pit will be located downwind of the prevailing wind direction on the southwest side of location, a minimum of 100 feet from the well head.
- d. The stockpiled topsoil (first six inches) will be stored in a windrow fashion on the north side of the location between points 2 & 8. If and when well is completed as an producer it will have a seed mix as per USFS spread over topsoil stockpile and tracked in with dozer. There will be no spoils stockpile.
- e. Access to the well pad will be from the East between points 2 and 3.
- f. See Location Layout for orientation of rig.
- g. The location of mud tanks; flare pit, trash cage; pipe racks and soil stockpiles will be shown on the Location Layout.
- h. During construction, all brush will be removed form the well pad and access road and stockpiled separately from the topsoil.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

- i. All pits will be fence according to the following minimum standards:
 - 1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
 - 2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
 - 3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
 - 5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.
- j. There will be no reserve pit.

10. Plans for Restoration of Surface

Producing Location

- a. Immediately upon well completion the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
- c. Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer.
- d. The seed mixture for reclamation work will be a sight specific mixture as recommended by the authorized officer of the USFS at the time of reclamation.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

Seeding will be performed in the fall after September 15 or until permanent ground freeze. Any other seeding period will require the approval of the authorized officer of the USFS.

- e. The topsoil stockpile will be seeded as noted above.

Dry Hole

- f. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and USFS will attach the appropriate surface rehabilitation conditions of approval.

11. Surface Ownership

Access Roads - All roads are County maintained or managed by the USFS with the exception of the upgraded access road located in Sections 23.

Well pad - The well pad is located on lands managed by the USFS.

12. Other Information

- a. A Class III archeological survey was deemed unnecessary because we are using only the old well pad.
- b. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archeological sites, or for collecting artifacts. If historic or archeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the Operator as to:
- whether the materials appear eligible for the National Register of Historic Places;
 - the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
 - at a time frame for the AO to complete and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- c. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- d. Drilling rig and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure.
- e. No erosion control structures will be required by the USFS unless well is completed as a producer. Then a drainage ditch will need some work where it drains into the wash to the west of location.
- f. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.
- g. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.
- h. There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned will be identified in accordance with 43 CFR 3162.
- i. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- j. This permit will be valid for a period of one year from the date of approval. An extension period may be granted, if requested, prior to the expirations of the original approval period. After permit termination, a new application will be filed for approval for any future operations.

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN

- k. The operator or his contractor shall contact the BLM Offices at 435-789-1362 and the USFS at 435-789-1181 48 hours prior to construction activities.
- l. The USFS Office shall be notified upon site completion prior to moving on the drilling rig.
- m. In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Keneska	Petroleum Engineer	435-781-1190
Ed Forsman	Petroleum Engineer	435-789-7077
BLM Fax Machine		435-789-3634
Chauncie H. Todd	Lands/Minerals	435-789-5114

Medallion Exploration
Left Fork Antelope #1
2400' FSL and 1716' FWL
NE/ SW Sec. 23, T6S - R4W

Lease No. UTU-77315

SURFACE USE PLAN13. Lessee's or Operator's Representative and CertificationPermit Matters

Medallion Exploration
P.O. Box 1328
Roosevelt, Utah, 84066
435-722-4600 (O) Steve Lamb
435-646-3441 (H)
435-722-7500 (M)

Drilling & Completion Matters

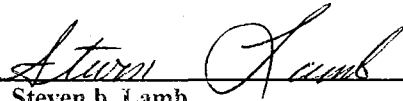
MEDALLION EXPLORATION
P.O. Box 1328
Roosevelt, Utah 84066
435/722-4600 (O) Steve Lamb
435/646/3441 (H)
435/722-7500 (M)

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Medallion Exploration and its contractors and sub contractors in conformity with the plan and the terms and conditions under which it is approved.

This statement is subject to the provisions of 18.U.S.C. 100 for the filing of a false statement.

August 6, 1998



Steven b. Lamb
Field Supt.
Medallion Exploration.

HIGHWAY 40 6.6 MI. +/-
MYTON 15.4 MI. +/-

R
4
W

R
3
W

T5S
T6S

SEE TOPO "B"

PROPOSED LOCATION:
LEFT FORK ANTELOPE #1

LEGEND:

○ PROPOSED LOCATION

MEDALLION EXPLORATION

LEFT FORK ANTELOPE #1
SECTION 23, T6S, R4W, U.S.B.&M.
2400' FSL 1716' FWL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

7 9 98
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.B.T. REVISED: 00-00-00

A
TOPO

WATER RIGHT: 43-1721 CERT. NO.: 5421 AMENDATORY? NO

IT EVIDENCED BY: 43-1721 (A10906) Cert. #5421

323: Point of Diversion (), Place of Use (X), Nature of Use (X), Reservoir Storage ().

Richens, Kenneth V. & Barbara U.

CUNER MISC:

1: BOX 244

Myton

STATE: UT ZIP: 84052

INTEREST: 100% tenants in common

DATE:	10/12/1995	REC'D BY:	[BMM]	PRIORITY:	10/12/1995	ADV DESIG:	10/15/1995	BY:	[RWL]	PAPER:	Wineah Rabin
DESIGN:	11/07/1995	PUB ENDED:	11/14/1995	FIRST END:	12/04/1995	PROTESTED:	[No]	PROOF FUR:	12/15/1995	BY:	[DD]
DESIG:	[Approved]	A/R DESIG:	01/24/1995	REG END:	[RWL]	APPRAP:	[RWL]	MEMO DEC:	[No]	APPR/REJECT:	[Approved]
RES:	09/27/1996	PROOF DUE:	06/30/2000	EXTENSION:	/ /	ELC/PROOF:	/ /	SUSC/PROOF:	/ /	ROUGH DRAFT:	/
PMUC:	/ /	LAP. ETC:	/ /	PROV LETR:	/ /	RENOVATE:	/ /				

Use: APP Date Verified: 10/13/1995 Initials: BMW

[illegible]

W: 2.22 cfa

Water Right Numbers 43-1721 and 43-1723 are together limited to the annual diversion of 133.37 acre-feet.

ACE: Sprock Draw
NTY: Duchesne

SOURCE: Babcock Draw
COUNTY: Duchesne COM DESC: 2 miles southwest of Hyton.

Point of diversion as per certificate:
North 44 degrees 15 minutes East 2112
feet from the the SW corner of the
NW1/4SW1/4 of Sec. 34, T3S, R2W, USB&M.

INT(S) OF DIVERSION

| SAME AS HERETOFORE

Ant Surface:

N 180 ft E 1487 ft from W4 cor, Sec 34, T 33. R 2W, USPM
Diverting Works: concrete diversion box
Source:

ACE OF USE - - - - ->

|CHANGED as follows:

--NM4--		--NE4--		--SW4--		--SE4--	
N	N	S	S	N	N	S	S
S	S	N	N	S	S	N	N
S	S	N	N	S	S	N	N
S	S	N	N	S	S	N	N

..NW4..	..NE4..	..SW4..	..SE4..
N N S S	N N S S	N N S S	N N S S
W E W E	W E W E	W E W E	W E W E

34 T 35 R 2W USBM

ALL	T	95	R	11E	SLBM
ALL	T	95	R	12E	SLBM
ALL	T	95	R	13E	SLBM
ALL	T	95	R	14E	SLBM
ALL	T	95	R	15E	SLBM
ALL	T	95	R	16E	SLBM
ALL	T	95	R	17E	SLBM
ALL	T	95	R	18E	SLBM
ALL	T	95	R	19E	SLBM
ALL	T	95	R	11E	SLBM
ALL	T	95	R	12E	SLBM
ALL	T	95	R	13E	SLBM
ALL	T	95	R	14E	SLBM
ALL	T	95	R	15E	SLBM
ALL	T	95	R	16E	SLBM
ALL	T	95	R	17E	SLBM
ALL	T	95	R	18E	SLBM
ALL	T	95	R	19E	SLBM
ALL	T	105	R	11E	SLBM
ALL	T	105	R	12E	SLBM
ALL	T	105	R	13E	SLBM
ALL	T	105	R	14E	SLBM
ALL	T	105	R	15E	SLBM

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/07/1976 *#5-21-01/ReEnter*

API NO. ASSIGNED: 43-013-30405

WELL NAME: LEFT FORK ANTELOPE 1

OPERATOR: MEDALLION EXPLORATION (N5050)

CONTACT: RASCHELLE RICHINS

PHONE NUMBER: 801-566-7400

PROPOSED LOCATION:

NESW 23 060S 040W

SURFACE: 2400 FSL 1716 FWL

BOTTOM: 2400 FSL 1716 FWL

DUCHESNE

WILDCAT (1)

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-77315

SURFACE OWNER: 1 - Federal *#USFS*

PROPOSED FORMATION: GRRV

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UT-1066)

☒ Potash (Y/N)

☒ Oil Shale (Y/N) *190-5 (B) or 190-3

☒ Water Permit

(No. 43-1721)

☒ RDCC Review (Y/N)

(Date: _____)

☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

 R649-2-3. Unit

 R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

☒ R649-3-3. Exception

 Drilling Unit

Board Cause No: _____

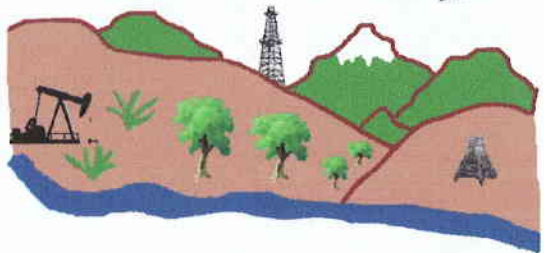
Eff Date: _____

Siting: _____

 R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: ① Federal Approval



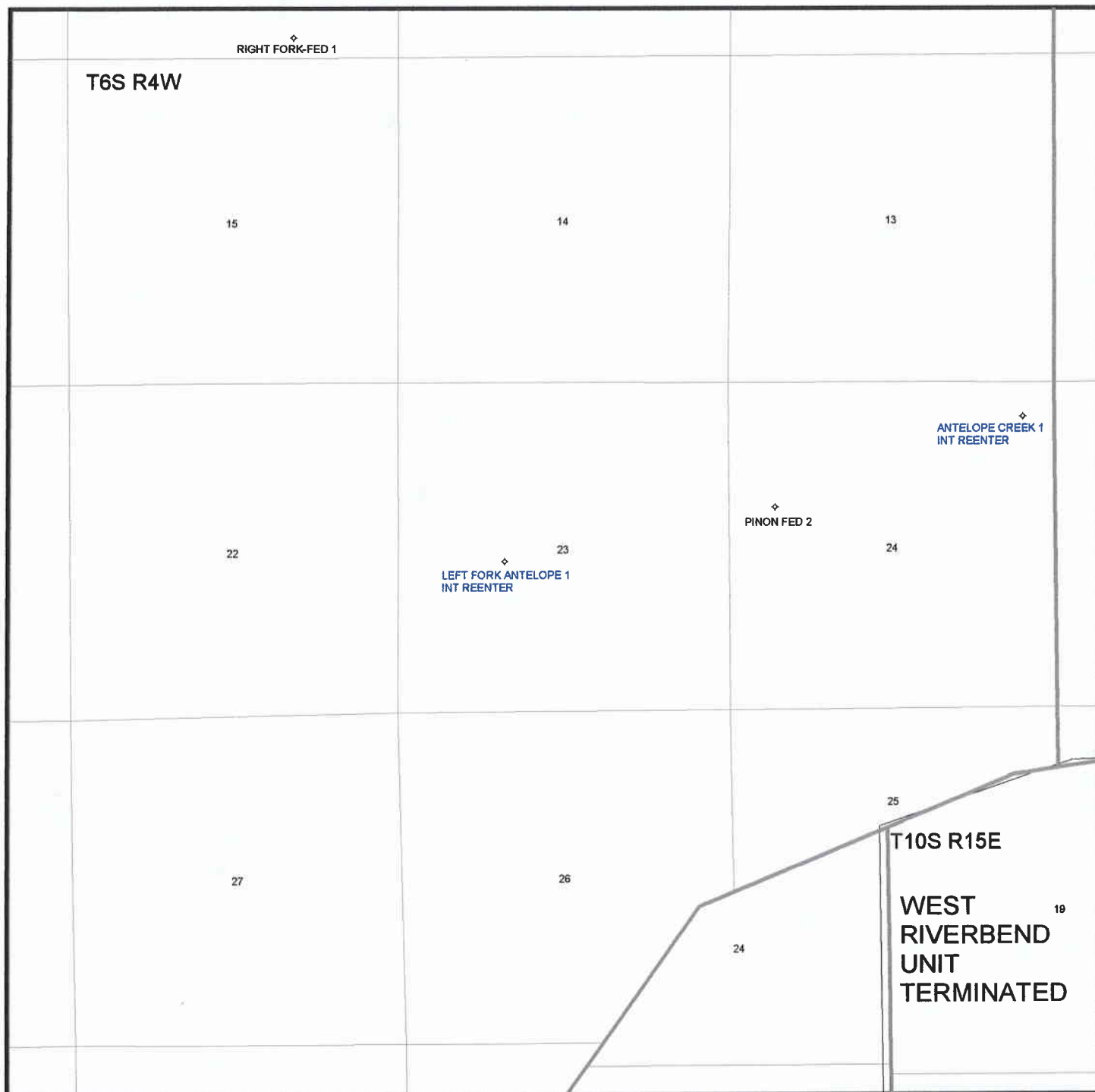
Utah Oil Gas and Mining

OPERATOR: MEDALLION EXPLOR (N5050)

SEC. 23, T6S, R4W

FIELD: WILDCAT (001)

COUNTY:DUCHESNE SPACING:R649-3-3/EX LOC



PREPARED BY: LCORDOVA
DATE: 25-MAY-2001



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

May 29, 2001

Medallion Exploration
6975 Union Park Center, Suite 310
Midvale, UT 84047

Re: Left Fork Antelope 1 Well, 2400' FSL, 1716' FWL, NE SW, Sec. 23, T. 6 South,
R. 4 West, Duchesne County, Utah

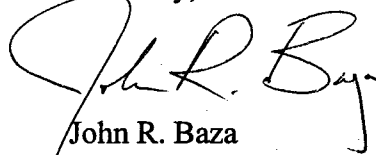
Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-30405.

Sincerely,



John R. Baza
Associate Director

er

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Medallion Exploration
Well Name & Number Left Fork Antelope 1
API Number: 43-013-30405
Lease: UTU 77315

Location: NE SW Sec. 23 T. 6 South R. 4 West

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☐ DEEPEN ☒ PLUG BACK ☐

1b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Medallion Exploration

3. ADDRESS OF OPERATOR
6975 Union Park Center, Ste. 310 Midvale, Utah 84047

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At Surface NESW 2400' FSL & 1716' FWL

At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
25.7

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY
OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1716'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL,
DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
P&A WELL APPROX 4100' IN SEC. 24

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. NO. OF ACRES IN LEASE
2,222.74

19. PROPOSED DEPTH
3305'

17. NO. OF ACRES ASSIGNED TO THIS WELL
640'

20. ROTARY OR CABLE TOOLS
ROTARY

22. APPROX. DATE WORK WILL START*
UPON APPROVAL AND AVAILABILITY OF RIG

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	?	182'	250 SKS CLASS G. PUMPED 9/9/76
7-7/8"	5-1/2"	?	3305'	50 SKS 50/50 POZ. 09/25/76

Medallion Exploration proposes to cut off dry hole marker and install 11" X 3M casing and 7-1/16" X 5M tubing spools. Drill out cement plugs down to 3214". Pressure test 5-1/2" csg to 2000 psi. If csg does not test re-squeeze Squeeze holes @ 3194-96' w/50 sks cmt. If 5-1/2" csg tests drill out CIBP @ 3214' and clean out down to 3299'. Perforate zone 3235-45', 10 net feet, 3 jsfp, w/4" expendable csg guns. Sand frac if necessary. If wells is completed as a producer then a sundry well be sent showing where surface equipment is to be set. If well is not a producer when well will be plugged and location reclaimed as per USFS and BLM recommendations.

All operations will be covered under Medallion Explorations Federal Bond # UT-1066.

This APD is also a request for Right-of-Way

3-BLM, Vernal
CC: 2 USFS, Vernal
CC: 2 Utah Div. Of Oil, Gas, and Mining

RECEIVED

OCT 19 2001

DIVISION OF
OIL, GAS AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED DRILLING PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Production Assistant DATE 5/17/01

(THIS SPACE FOR FEDERAL OR STATE OFFICE USE.)

PERMIT NO. APPROVAL DATE
APPROVED BY [Signature] ACTING Assistant Field Manager DATE OCT 16 2001
CONDITIONS OF APPROVAL, IF ANY Mineral Resources

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Medallion Exploration

Well Name & Number: LEFT FORK ANTELOPE #1

API Number: 43-013-30405

Lease Number: U - 77315

Location: NESW Sec. 23 T. 06S R. 04W

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Reconstruction | - | at least forty-eight (48) hours prior to reconstruction of location and access roads. |
| Location Completion | - | prior to moving on the drilling or completion rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to drilling out the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

4. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

5. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

6. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE CONDITIONS OF APPROVAL

The Forest Service Decision Memo states: "The site specific analysis has determined that the sites proposed for drilling have previously been disturbed during drilling activities. Minimal additional surface disturbance will occur. It has also been determined that no cultural resources or T&E plants or animals will be affected."

The main Forest Service Representative for this project will be Jeffrey DeFreest of the Duchesne Ranger District Forest Service Office. If you have any questions for the Forest Service contact him or call Joe Bistrski who is the District Ranger for the Duchesne Office at (435)-738-2482.

For drilling operations the present existing road will be maintained in its present alignment with maintenance and repair as needed.

The layout diagram of the APD depicts the changes made at the first onsite July 29, 1998. The flare pit is shown to be about 20 by 20 feet and located in the Southwest corner of the pad. At that onsite it was also agreed to channel runoff to the South and West sides of the location and direct it on the west side in such a manner so as to avoid headcutting and undue and unnecessary erosional impacts.

The old well location will be leveled by scraping existing vegetation and stockpiling topsoil.

If the well is not completed as a producer, it will be plugged, all equipment will be removed, the site will be reshaped, and topsoil will be respread and the site revegetated. This revegetation reclamation would be done according to Forest Service specifications. The following seed mix was approved for the project reclamation in the Forest Service's letter of August 7, 1998.

Left Fork Antelope Creek #1 well:

Goldar Bluebunch Wheatgrass	3 lbs/acre
Fairway Crested Wheatgrass	3 lbs/acre
Thickspike Wheatgrass	3 lbs/acre
Russian Wildrye	3 lbs/acre

At this location a flare pit/workover pit will be required for the well reentry operations. If the well is a producer check with the Forest Service about reclamation for this pit and any parts of the pad not needed for production operations. The Forest Service requests that topsoil storage areas be reseeded if production is established, otherwise the entire site will be reclaimed the same season.

If the well is completed as a producer, a sundry notice will be submitted showing where surface equipment will be set for long term production. Existing roads may need to be widened and upgraded and 4-inch flowlines would be installed next to the roadway. At that time additional cultural resource and T&E Species inventories will be required and additional mitigation measures will be applied as necessary/ if necessary. This would be done in a manner consistent with the Western Uinta Basin Oil and Gas Leasing EIS of 1997. (See the Decision Memo of September 14, 1998)

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, and crowning (2 to 3%). Graveling or capping the roadbed will be required as necessary to provide a well constructed safe road. Prior to construction/upgrading, the proposed road surface or existing road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Should mud holes develop, they shall be filled in to prevent detours. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainage be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. When snow is removed from the road during the winter months, the snow should be pushed outside of the burrow ditches and the turn outs should be kept clear so that when the snow melts the water will be channeled away from the road.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS OIL WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use application for permit-for such proposals

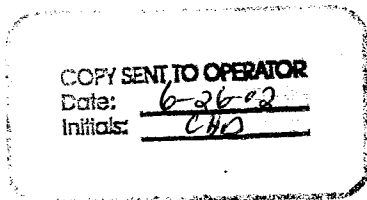
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (Specify)		6. Lease Designation and Serial Number UTU-77315
2. Name of Operator MEDALLION EXPLORATION		7. Indian Allottee or Tribe Name N/A
3. Address of Operator 6975 UNION PARK CENTER, STE. 310 MIDVALE, UTAH 84047		8. Unit of Communitization Agreement N/A
5. Location of Well Footage: 2400' FSL & 1716' FWL CO., Sec., T., R., M.: NE SW SEC. 23, T6S, R1W		9. Well Name and Number LEFT FORK ANTELOPE /
10. API Well Number 43-013-30405		11. Field and Pool, or Wildcat WILDCAT
COUNTY: DUCHESNE STATE: UTAH		

12 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

NOTICE OF INTENT (SUBMIT IN DUPLICATE)	SUBSEQUENT REPORT (SUBMIT ORIGINAL FORM ONLY)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input checked="" type="checkbox"/> Other	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent of Flare <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Fare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other
DRILLING EXTENSION Approximate Date Work Will Start: _____	
Date of Work Completion: _____ Report results or Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. *Must be accompanied by a cement verification report.	

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MEDALLION EXPLORATION IS REQUESTING A DRILLING EXTENSION. WE HAVE FARMED OUT THE DEEP RIGHTS TO CMS AND ARE WAITING FOR THEM TO DRILL THE WELL.



Approved by the
Utah Division of
Oil, Gas and Mining

Date: 06-25-02
By: *[Signature]*

14. I hereby certify that the foregoing is true and correct.

Name & Signature: RaSchelle Richens *[Signature]* Title: Permitting

Date: 06/20/02

03/15/99

State Use Only!

See Instructions on Reverse Side

RECEIVED

JUN 24 2002

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office
170 South 500 East
Vernal, Utah 84078-2799
<http://www.blm.gov/utah/vernal>

Phone: (435) 781-4400
Fax: (435) 781-4410

IN REPLY REFER TO:
3160
UT08300

December 10, 2002

Rachell Richens
Medallion Exploration
6975 Union Park Ctr, Suite 310
Midvale, UT 84047

Re: Notification of Expiration
Well No. Left Fork Antelope #1
NESW, Sec. 23, T6S, R4W
Lease No. U-77315

Dear Ms. Richens:

The Application for Permit to Drill the above-referenced well was approved on October 16, 2001. Since that date, no known activity has transpired at the approved location. Applications for Permit to Drill are effective for a period of one year. In view of the foregoing, this office is notifying you the approval of the referenced application has expired. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Leslie Walker
Legal Instruments Examiner

cc: UDOGM
US Forest Service

RECEIVED

DIV. OF OIL, GAS & MINING



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

July 16, 2003

RaSchelle Richens
Medallion Exploration
6975 Union Park Center, Ste 310
Midvale, UT 84047

Re: APD Rescinded – Left Fork Antelope 1, Sec. 23, T. 6S, R. 4W Duchesne, Utah
API No. 43-013-30405

Dear Ms. Richens:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on May 29, 2001. On June 25, 2002, the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective July 16, 2003.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Engineering Technician

cc: Well File
Bureau of Land Management, Vernal